



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० ५०] नई दिल्ली, सनिवार, दिसम्बर ११—दिसम्बर १७, २००४ (अग्राहायन २०, १९२६)  
No. 50] NEW DELHI, SATURDAY, DECEMBER 11—DECEMBER 17, 2004 (AGRAHAYANA 20, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि वह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड २

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]

[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Kolkata, the 11th December 2004

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E-mail: patnam@vsnl.net

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Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
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E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
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Karnataka, Kerala, Tamil Nadu and  
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Aminidivi Islands.

Telegraphic Address "PATENTOFFICE"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax Nos. (044) 2431 4750/4751.  
E-mail. patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
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Kolkata-700 020.  
Rest of India  
Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.  
E-mail: patentin@vsnl.com  
patindia@giasci01.vsnl.net.in

Website : <http://www.ipindia.nic.in>

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### पेटेंट कार्यालय

एकस्व तथा अधिकल्प

कोलकाता, दिनांक 11 दिसम्बर 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:-

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश  
तथा गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र दमन तथा दीव एवं  
दादरा और नगर हवेली।

तार पता : "पेटेफिस"

फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,  
गुन कम्प्लेक्स, छठ तल, एनेक्स-II,  
443, अन्नासाहेब रोड, चेन्नई,  
चेन्नई - 600 018।

अन्य प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पश्चिमबेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिक्काय तथा एमिनिदिबि द्वीप।  
तार पता - "पेटेटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),  
निबाम पैलेस, द्वितीय बहुस्तरीय कार्यालय  
भवन, 5वां, 6वां व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : patentin@vsnl.com

patindia@giasci01.vsnl.net.in

वेब साइट : <http://www.ipindia.nic.in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002  
अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण  
या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित  
कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से  
नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा  
सकती है।

## CORRIGENDUM (MUMBAI)

In the Gazette of India, Part III, Section 2 dated 10th July, 2004, under the heading "Patents Sealed on 16/04/2004 (Patent Office Mumbai)" delete the numbers 189778, 189793 and 189807.

National Phase Applications for Patent under PCT filed in the month of December, 2003

Sl No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Classes
1	01881/CHENP/2003 Dt : 12/01/2003	PCT/CH02/00284 Dt : 30/05/2002	No. 01113344.4	Switzerland	ABB Schweiz AG, Switzerland	Contact arrangement	H 01 L 25/11
2	01882/CHENP/2003 Dt : 12/01/2003	PCT/EP02/06783 Dt : 03/08/2002	No. 01202107.7	Netherlands	Yamanouchi Europe B.V., Netherlands	Lipid - polymer - conjugates compositions	C 08 G 69/10
3	01883/CHENP/2003 Dt : 12/01/2003	PCT/JP01/04777 Dt : 06/08/2001		Japan	Honda Giken Kogyo Kabushiki Kaisha, Japan	Air cleaner	F 02 M 35/024
4	01884/CHENP/2003 Dt : 12/01/2003	PCT/EP01/10213 Dt : 05/09/2001	Nos. 101 26 667.7; 101 37 901.3	Germany	Henkel Kommanditgesellschaft AUF AKTIEN, Germany	Arylsulfatase - inhibitors in deodorants and antiperspirants	H 04 L 29/06
5	01885/CHENP/2003 Dt : 12/01/2003	PCT/CH02/00282 Dt : 30/05/2002	No. 01113377.4	Switzerland	Givaudan SA, Switzerland	Cycloalkanecarboxylic acid derivatives as fragrants with musk characteristics	C 07 C 69/74
6	01886/CHENP/2003 Dt : 12/01/2003	PCT/EP02/06017 Dt : 31/05/2002	No. 60295, 169	Switzerland	Novartis AG, Switzerland	Orally administering parathyroid hormone and calcitonin	A 61 K 38/29

7	01887/CHENP/2003 Dt: 12/01/2003	PCT/US02/17411 Dt: 03/06/2002	No. 60/295, 301	United States of America	Axys pharmaceuticals, Inc., USA & Aventis Pharmaceuticals, Inc., USA	Novel compounds and compositions as cathepsin inhibitors	C 07 C 317/46
8	01888/CHENP/2003 Dt: 12/01/2003	PCT/EP02/06432 Dt: 03/06/2002	No. 01202107.7	Netherlands	Yamanouchi Europe B.V., Netherlands	Lipid - polymer - conjugates	C 08 G 69/10
9	01889/CHENP/2003 Dt: 12/01/2003	PCT/US01/42531 Dt: 05/10/2001	No. 09/871, 920	United States of America	International Business Machines Corporation, USA	Automated management of internet and/ or web site content	G 06 F 15/16
10	01890/CHENP/2003 Dt: 12/01/2003	PCT/CH02/00283 Dt: 30/05/2002	No. 01810539.5	Switzerland	ABB Schweiz AG, Switzerland	High power semiconductor module	H 01 L 25/07
11	01891/CHENP/2003 Dt: 12/01/2003	PCT/EP02/04967 Dt: 06/05/2002	Nos. 01202083.0, 60/303, 902	Netherlands	Akzo Nobel N.V., Netherlands	Coating composition comprising a polyisocyanate and a polyester oligomer prepared from a polyol, a polycarboxylic acid, and a monocarboxylic acid	C 08 G 18/42
12	01892/CHENP/2003 Dt: 12/02/2003	PCT/US02/12490 Dt: 23/04/2002	No. 60/287, 669	United States of America	JACQUAYS, Charles, D., USA	Building and other materials containing treated bauxite tailings and process for making same	B 01 D
13	01893/CHENP/2003 Dt: 12/02/2003	PCT/JP02/04400 Dt: 02/05/2002	No. 2001 - 135627	Japan	Japan Techno co., Ltd., Japan	Hydrogen - oxygen gas generator and hydrogen - oxygen gas generating method thereof	C 25 B 1/06
14	01894/CHENP/2003 Dt: 12/02/2003	PCT/EP01/06788 Dt: 15/06/2001	No. 101 21 542.8	Germany	Zimmer Aktiengesellschaft, Germany	Composition and method for the manufacture of polyester	C 08 G 63/78



15	01895/CHENP/2003	PCT/IL02/00431	No. 60/295, 910	Israel	Soschin, Moshe, Israel; Ben Itzhak, Uziel, Israel; Atomic Energy Commission, State of Israel; GROF, Yair, Israel	Method and system for marking and determining the authenticity of liquid hydrocarbons	F 03 D 7/02
16	01898/CHENP/2003	PCT/EP02/05888	No. 101 27 102.6	Germany	Aloys Wobben, Germany	Wind energy plant with an asynchronous machine for determining the azimuth position	C 12 N
17	01897/CHENP/2003	PCT/US02/15038	Nos. 60/288, 622; 60/288, 638; 60/288, 671; 60/288, 698; 60/288/8, 699	United States of America	University of Florida Research Foundation, Inc., USA	Cloning and sequence of pyruvate decarboxylase (PDC) genes from bacteria and uses therefor	C 12 N
18	01898/CHENP/2003	PCT/IL02/00351	Nos. 60/288, 421; 60/306, 192	Israel	Yissum Research Development Company, Israel	Fungal chitinases, polynucleotide sequences encoding same, promoters of same and uses thereof	C 12 N
19	01899/CHENP/2003	PCT/US02/14201	Nos. 60/288, 733; 10/105, 797	United States of America	Xenon Corporation, USA	A dual lamp system for manufacturing DVD	B 32 B 31/04
20	01900/CHENP/2003	PCT/EP02/05383	No. 01202147.3	Netherlands	Akzo Nobel N.V., Netherlands	Method and apparatus for measuring the accessibility of porous materials with regard to large compounds	G 01 N 15/08
21	01901/CHENP/2003	PCT/US02/17152	No. 09/873, 716	United States of America	MICRO MOTION, INC., USA	Steam to carbon ratio control in steam reforming of hydrocarbons	G 05 D 11/02

22	01902/CHENP/2003 Dt: 12/03/2003	PCT/EP02/05889 Dt: 29/05/2002	No. 01113793.2	Switzerland	F. Hoffmann - La Roche AG, Switzerland	Pharmaceutical composition comprising a lipase inhibitor and a sucrose fatty acid ester	A 61 K 31/365
23	01903/CHENP/2003 Dt: 12/03/2003	PCT/CH02/00288 Dt: 03/06/2002	No. 01113787.4	Switzerland	Givaudan SA, Switzerland	Flavour and fragrance compositions	A 23 L 1/226
24	01904/CHENP/2003 Dt: 12/03/2003	PCT/IL02/00433 Dt: 04/06/2002	No. 143599	Israel	Bernad, Limited Partnership, Israel	Control valve	F 16 K
25	01905/CHENP/2003 Dt: 12/03/2003	PCT/IB02/03271 Dt: 06/06/2002	Nos. 0119340.8; 60/296, 391	Denmark	Danisco A/S, Denmark	Composition	C 09 B 67/00
26	01906/CHENP/2003 Dt: 12/03/2003	PCT/NL02/00295 Dt: 03/05/2002	No. 1017986	Netherlands	Pipeline Nederland B.V., Netherlands	Reinforced pipe for a pressurized medium	F 16 L 9/133
27	01907/CHENP/2003 Dt: 12/04/2003	PCT/US02/14612 Dt: 07/05/2002	Nos. 60/289, 159; 60/311, 472	United States of America	M/S. Falcon Waterless Technologies Inc., 10900 Wilshire Boulevard, Suite 1500, Los Angeles CA 90024 (USA)	Liquid flow meter	E 03 D 13/00
28	01908/CHENP/2003 Dt: 12/04/2003	PCT/EP02/05385 Dt: 16/05/2002	No. 01202148.1	Netherlands	AKZO NOBEL N.V., Netherlands	Process for small - scale testing of FCC catalysts	G 01 N 31/10
29	01909/CHENP/2003 Dt: 12/04/2003	PCT/CA02/00827 Dt: 04/06/2002	No. 09/871, 823	Canada	Epocal Inc., Canada	Planar electrode module for use in a diagnostic device	G 01 N 27/30
30	01910/CHENP/2003 Dt: 12/04/2003	PCT/CA02/00826 Dt: 04/06/2002	No. 09/871, 821	Canada	Epocal Inc., Canada	Integrated electrokinetic devices and methods of manufacture	B 01 J 19/00

31	01911/CHENP/2003 Dt: 12/04/2003	PCT/EP02/05826 Dt: 28/05/2002	No. 01202146.5	Netherlands	AKZO NOBEL N.V., Netherlands	Process for the production of catalysts with improved accessibility	B 01 J 37/00
32	01912/CHENP/2003 Dt: 12/04/2003	PCT/US02/17818 Dt: 05/06/2002	Nos. 60/296, 028; 09/898, 537	United States of America	Qualcomm Incorporated, USA	Method and apparatus for bandwidth estimation	H 04 B 1/707
33	01913/CHENP/2003 Dt: 12/04/2003	PCT/EP02/05890 Dt: 29/05/2002	Nos. 60/296, 705; 60/340, 212	Switzerland	F. Hoffmann - La Roche AG, Switzerland	New indole derivatives with 5 - HT6 receptor affinity	C 07 D 209/30
34	01914/CHENP/2003 Dt: 12/04/2003	PCT/US02/17842 Dt: 05/06/2002	No. 60/296, 356	United States of America	Solutia Inc., USA	Method for inhibiting calcium salt scale	C 02 F 5/14
35	01915/CHENP/2003 Dt: 12/04/2003	PCT/US02/17775 Dt: 05/06/2002	Nos. 60/296, 296; 60/302, 487	United States of America	Solutia Inc., USA	Method for the production of improved pulp	D 21 C 3/02
36	01916/CHENP/2003 Dt: 12/04/2003	PCT/US02/17830 Dt: 05/06/2002	No. 60/296, 316	United States of America	Solutia Inc., USA	Method for inhibiting calcium salt scale	C 02 F 5/00
37	01917/CHENP/2003 Dt: 12/05/2003	PCT/US02/16800 Dt: 29/05/2002	No. 60/296, 406	United States of America	Becton, Dickinson and Company, USA	Hinged needle shield assembly having needle cannula lock	A 61 M
38	01918/CHENP/2003 Dt: 12/05/2003	PCT/CA02/00825 Dt: 04/06/2002	No. 09/875, 949	Canada	Epocal Inc., Canada	Point - of - care in - vitro blood analysis system	G 01 N 33/487

39	01919/CHENP/2003 Dt: 12/05/2003	PCT/US02/14095 Dt: 06/05/2002	No. 09/851, 177	United States of America	Sud - Chemie, Inc., USA	High surface area, small crystallite size catalyst for Fischer-Tropsch synthesis	B 01 J 29/06
40	01920/CHENP/2003 Dt: 12/05/2003	PCT/GB02/02557 Dt: 30/05/2002	No. 0113902, 1	Finland	Nokia Corporation, Finland	Security in area networks	H 04 L 29/00
41	01921/CHENP/2003 Dt: 12/05/2003	PCT/EP02/06301 Dt: 07/06/2002	No. 01401491.4	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands	Process to prepare a base oil from slack - wax	C 10 G 65/04
42	01922/CHENP/2003 Dt: 12/05/2003	PCT/EP02/04745 Dt: 30/04/2002	Nos. 823/01; 1387/01	Switzerland	Ciba Specialty Chemicals Holding Inc., Switzerland	Pyridone dyes, a process for their preparation and their use in the production of coloured plastics or polymeric colour particles	C 09 B 35/30
43	01923/CHENP/2003 Dt: 12/05/2003	PCT/US02/18135 Dt: 06/06/2002	No. 09/877, 820	United States of America	Qualcomm Incorporated, USA	Method and apparatus for reduction of congestion through data rate adjustment in a wireless communication system	H 04 L 12/56
44	01924/CHENP/2003 Dt: 12/05/2003	PCT/US02/18136 Dt: 06/06/2002	No. 09/877, 578	United States of America	Qualcomm Incorporated, USA	Interframe encoding method and apparatus	H 04 N 7/12
45	01925/CHENP/2003	PCT/US02/17815	No. 09/877, 917	United States of America	Qualcomm	Method and apparatus	H 04 B

	Dt : 12/05/2003	Dt : 05/06/2002	States of America	Incorporated, USA	for congestion control in a wireless communication system	7/26
46	01926/CHENP/2003	PCT/US02/17814	No. 09/875, 329	Qualcomm Incorporated, USA	Selective chrominance decimation for digital images	H 04 N 11/02
	Dt : 12/05/2003	Dt : 05/06/2002	United States of America			
47	01927/CHENP/2003	PCT/US02/17817	Nos. 60/297, 105, 10/079, 782	Qualcomm Incorporated, USA	Method and apparatus for Walsh space assignment in a communication system	H 04 B 1/707
	Dt : 12/05/2003	Dt : 05/06/2002	United States of America			
48	01928/CHENP/2003	PCT/US02/18133	Nos. 60/296, 259, 09/974, 935	Qualcomm Incorporated, USA	Method and apparatus for canceling pilot interference in a wireless communication system	H 04 B 1/707
	Dt : 12/05/2003	Dt : 06/06/2002	United States of America			
49	01929/CHENP/2003	PCT/FR02/C1983	No. 01/07559	Rhodia Chimie, France	Stereoselective preparation of cyclic L-Amino acids	C 12 N
	Dt : 12/05/2003	Dt : 10/06/2002	France			
50	01930/CHENP/2003	PCT/IL02/04445	No. 09/876, 624	Ramot At Tel Aviv Universal Ltd., Israel	Method and apparatus for treating tumors using low strength electric fields	A 61 N
	Dt : 12/05/2003	Dt : 09/06/2002	Israel			
51	01931/CHENP/2003	PCT/EP02/05760	No. 01202206.7	AKZO NOBEL N.V., Netherlands	Continuous process for the alkylation of hydrocarbons	C 07 C 2/58
	Dt : 12/05/2003	Dt : 23/05/2002	Netherlands			
52	01932/CHENP/2003	PCT/EP02/04484	No. 101 27 454.8	Aloys Wobben, Germany	Switchgear comprising an actuating shaft	F 03 D 7/02
	Dt : 12/05/2003	Dt : 24/04/2002	Germany			

53	01933/CHENP/2003	PCT/EP02/04485	No. 10127451.3	Germany	Aloys Wobben, Germany	Method for maximizing the energy output of a wind turbine	F 03 D 7/04
	Dt: 12/05/2003						
		Dt: 24/04/2002					
54	01934/CHENP/2003	PCT/EP02/05758	No. 01202204.2	Netherlands	AKZO NOBEL N.V., Netherlands	Process for the catalytic alkylation of hydrocarbons	C 07 C 2/58
	Dt: 12/05/2003						
		Dt: 23/05/2002					
55	01935/CHENP/2003	PCT/US02/18264	Nos. 60/297, 001; 10/036, 981; 10/038, 970	United States of America	Kimberly - Clark Worldwide, Inc., USA	Labial pad having a tab	A 61 F 13/00
	Dt: 12/05/2003						
		Dt: 05/06/2002					
56	01936/CHENP/2003	PCT/US02/10923	Nos. 60/297, 001; 60/315, 254; 10/036, 973	United States of America	Kimberly - Clark Worldwide, Inc., USA	Labial pad having various means	A 61 F 13/00
	Dt: 12/05/2003						
		Dt: 04/04/2002					
57	01937/CHENP/2003	PCT/US02/16477	Nos. 60/297, 001; 60/315, 255; 60/315, 256; 10/036, 636; 10/036, 990	United States of America	Kimberly - Clark Worldwide, Inc., USA	Labial pad having a notch	A 61 F 13/472
	Dt: 12/05/2003						
		Dt: 24/05/2002					
58	01938/CHENP/2003	PCT/US02/10010	Nos. 60/297, 001; 10/037, 276	United States of America	Kimberly - Clark Worldwide, Inc., USA	Labial pad	A 61 F 13/472
	Dt: 12/05/2003						
		Dt: 29/03/2002					
59	01939/CHENP/2003	PCT/US02/10922	Nos. 60/297, 000; 60/315, 257; 10/038, 971	United States of America	Kimberly - Clark Worldwide, Inc., USA	Labial pad	A 61 F 13/472
	Dt: 12/05/2003						
		Dt: 04/04/2002					

60	01940/CHENP/2003	PCT/US02/16994	Nos. 60/297, 000; 10/037, 286; 10/038, 989; 10/039, 452	United States of America	Kimberly - Clark Worldwide, Inc., USA	Interlabial pad with finger - receiving positioning aid	A 61 F 13/84
61	01941/CHENP/2003	-	-	India	M/S. Hetero Drugs Limited, "Hetero House", H. No. 8 - 3 - 100/7/1, Erragadda, Hyderabad - 500018	A novel process for the preparation of benzimidazole enantiomers	-
62	01942/CHENP/2003	PCT/US02/18401	No. 60/297,119	United States of America	Telesym Inc, USA.	Dynamic latency management for IP telephony	H04L 12/66
63	01943/CHENP/2003	PCT/JP02/04483	No. 2001- 141163	Japan	Nippon Kayaku Kabushiki Kaisha, Japan	Disazo compound, reactive dye composition, and methods of dyeing cellulose or cellulose- containing fiber.	C09B 62/09
64	01944/CHENP/2003	PCT/DK02/00296	PA 2001 00732	Denmark	H. Lundbeck A/S, Denmark	Treatment of ADHD	A 61 K 31/44
65	01945/CHENP/2003	PCT/FR02/01566	No. 01/06260	France	Rhodia Chimie, France	Method for oxidising an aromatic aldehyde into the corresponding carboxylic acid	C07C 51/235
66	01946/CHENP/2003	PCT/US02/18323	No. 09/878,702	United States of America	Schering-plough healthcare products Inc., USA	Exothermic formulations for the treatment of ectoparasites	A 61 K 33/06



67	01947/CHENP/2003	PCT/US02/17853	No. 60/297,406	United States of America	Monsanto Technology LLC, USA	Cotton event Mon15985 and compositions and methods for detection.	A01H
	Dt : 12/08/2003	Dt : 05/06/2002					
68	01948/CHENP/2003	PCT/US02/17675	No. 60/296,848	United States of America	Elkcorp, USA	Natural Gas Liquefaction	F25J 3/02
	Dt : 12/08/2003	Dt : 04/06/2002					
69	01949/CHENP/2003	PCT/EP02/05745	No. 01202203.4	Netherlands	Akzo Nobel N.V., The Netherlands and Petroleo Brasileiro S A - Petrobras, Brazil.	Process for fluid catalytic cracking	C10G 11/18
	Dt : 12/08/2003	Dt : 24/05/2002					
70	01950/CHENP/2003	PCT/EP02/06303	No. 01202192.9		OEDC (Offshore Energy Development Corporation)	Offshore structure comprising a stabilised processing column	B63B 35/44
	Dt : 12/08/2003	Dt : 07/06/2002					
71	01951/CHENP/2003	PCT/EP02/06256	No. 0114286.8	Switzerland	F. Hoffmann - La Roche AG, Switzerland	<del>4-Substituted</del> Nucleosides	A61K 31/7068
	Dt : 12/09/2003	Dt : 07/06/2002					
72	01952/CHENP/2003	PCT/EP02/05460	No. 01480048.6	United States of America	International Business Machines Corporation, USA	Method of invisibly embedding and hiding data into soft-copy text documents.	H04N 1/32
	Dt : 12/09/2003	Dt : 25/04/2002					
73	01953/CHENP/2003	PCT/EP02/06117	No. 01114180.1	Germany	Teijin Twaron GMBH, Germany	Laminated ballistic structure comprising alternating unidirectional and thermoplastic layers	F41H 5/04
	Dt : 12/09/2003	Dt : 05/08/2002					
74	01954/CHENP/2003	PCT/US02/14982	No. 60/290,583	United States of America	Yale University, USA	Global analysis of protein activities using proteome chips	A81K 38/00
	Dt : 12/09/2003	Dt : 13/05/2002					
75	01955/CHENP/2003	PCT/EP02/06514	No. 01830392.5	Switzerland	Tetra Laval Holdings & Finance S.A, Switzerland	Decoration correction method and system for a form-and-seal unit.	B65B 41/18
	Dt : 12/09/2003	Dt : 13/06/2002					

76	01956/CHENP/2003	PCT/JP02/05586	No. 2001-176252	Japan	Dainippon Pharmaceutical Co., Ltd., Japan	N-Arylphenylacetamide derivatives and pharmaceutical composition containing the same.	C07C 235/38
	Dt : 12/09/2003	Dt : 06/06/2002					
77	01957/CHENP/2003	PCT/SE02/01126	No. 0102048-6	Sweden	Biovitrum AB, Sweden	Substituted sulfonamide compounds, process for their use as medicament for the treatment of CNS disorders, obesity and type II diabetes.	C07C 311/21
	Dt : 12/09/2003	Dt : 11/06/2002					
78	01958/CHENP/2003	PCT/US02/18276	No. 60/297,558	United States of America	Nano-Tex, LLC, USA	Modification of fabric fibers	D06M 15/61
	Dt : 12/09/2003	Dt : 10/06/2002					
79	01959/CHENP/2003	PCT/EP02/06923	No. 09/878,605	United States of America	International Business Machines Corporation, USA	C implants for improved siGe Bipolar Transistors yield	H01L 21/331
	Dt : 12/09/2003	Dt : 04/06/2002					
80	01960/CHENP/2003	PCT/EP02/06185	No. 01202215.8	Netherlands	Akzo Nobel N.V., The Netherlands	Benzoxazepine derivatives and their use as AMPA receptor stimulators.	C07D 498/04
	Dt : 12/09/2003	Dt : 05/06/2002					
81	01961/CHENP/2003	PCT/JP03/04538	No. 2002-110424	Japan	Matsushita Electric Industrial Co., Ltd., Japan	Picture coding method and picture decoding method	H04N 7/32
	Dt : 12/10/2003	Dt : 10/04/2003					
82	01962/CHENP/2003	PCT/CH02/00315	No. 09/880,420	Switzerland	Givaudan SA, Switzerland	Taste modifiers comprising a chlorogenic acid	A23L 1/221
	Dt : 12/10/2003	Dt : 12/06/2002					
83	01963/CHENP/2003	PCT/EP02/06804	No. 60/298,419	United States of America	Vicuron Pharmaceuticals Inc., USA	N-Formyl Hydroxylamine compounds as inhibitors of PDF	C07D 401/12
	Dt : 12/10/2003	Dt : 14/06/2002					

84	01964/CHENP/2003	PCT/EP02/06235	No. 01114173.6	Germany	Carl-Zeiss-stiftung trading as schott glas, Germany	Method for producing borosilicate glasses	C03C 1/00
	Dt : 12/10/2003	Dt : 07/06/2002					
85	01965/CHENP/2003	PCT/EP02/05956	No. 101 28 331.8	Germany	Aventis Pharma Deutschland GmbH, Germany	Anthranilic acid amides with a heteroarylsulfonyl side chain, method for the production thereof, use thereof as a medicament or diagnostic agent and pharmaceutical preparations containing said compounds.	C07D
	Dt : 12/10/2003	Dt : 31/05/2002					
86	01966/CHENP/2003	PCT/EP02/06463	No. 1064/01	Switzerland	Syngenta participations AG, Switzerland	Herbicidal composition	A01N 25/32
	Dt : 12/10/2003	Dt : 12/06/2002					
87	01967/CHENP/2003	PCT/EP02/02529	No. 20108026.5	Germany	Landwehr, Wilhelm, Germany	Clamping gap nut	F16B 39/02
	Dt : 12/10/2003	Dt : 07/03/2002					
88	01968/CHENP/2003	PCT/EP02/06364	No. 01202284.4	Netherlands	Akzo Nobel N.V., The Netherlands	(Pyrido/Thieno)-[F]- Quinoxalin-5-one derivatives	C07D 498/14
	Dt : 12/10/2003	Dt : 10/06/2002					
89	01969/CHENP/2003	PCT/EP02/06007	No. 10128576.0	Germany	SMS Demag AG, Germany	Device for turning strips	B65H 23/32
	Dt : 12/10/2003	Dt : 31/05/2002					

90	01970/CHENP/2003 Dt: 12/10/2003	PCT/US01/21475 Dt: 06/07/2001	No. 09/879,094	United States of America	Qualcomm Incorporated, USA	System and method for the detection and compensation of radio signal time of arrival errors.	H04B 1/707
91	01971/CHENP/2003 Dt: 12/10/2003	PCT/US02/17593 Dt: 04/06/2002	No. 09/879,530	United States of America	International Business Machines Corporation, USA	Method and structure for buried-circuits and devices	H01L 21/8242
92	01972/CHENP/2003 Dt: 12/10/2003	PCT/US02/15430 Dt: 13/05/2002	No. 60/290,487	United States of America	Elmore, Glenn, USA	Method and apparatus for information conveyance and distribution	G06F
93	01973/CHENP/2003 Dt: 12/11/2003	PCT/JP03/03794 Dt: 27/03/2003	No. 2002 - 112665	Japan	Matsushita electric Industrial Co., Ltd., Japan	Picture coding method and picture decoding method	H 04 N 7/30
94	01974/CHENP/2003 Dt: 12/11/2003	PCT/NL02/00368 Dt: 06/06/2002	No. 1018283	Netherlands	DSM IP Assets B.V., Netherlands	Method for contacting molten area with a gas stream	C 07 D 251/60
95	01975/CHENP/2003 Dt: 12/11/2003	PCT/IL02/00452 Dt: 11/06/2002	Nos. 60/296, 767; 60/318, 626; 60/371, 419	Israel	Genoa Technologies Ltd., Israel	Device, system and method for color display	C 09 G 3/00
96	01976/CHENP/2003 Dt: 12/11/2003	PCT/US02/11892 Dt: 15/05/2002	Nos. 60/290, 668; 60/366, 394	United States of America	Faulk Pharmaceuticals, Inc., USA	Targeted delivery of drugs for the treatment of viral infections	A 61 K 38/00

97	01977/CHENP/2003	PCT/US02/11891	Nos. 60/290, 684; 60/329, 535	United States of America	Faulk Pharmaceuticals, Inc., USA	Substantially homogeneous bio - affecting material having a predetermined ratio of bioaffecting component to cell targeting component ...	A 61 K
	Dt : 12/11/2003	Dt : 15/05/2002					
98	01978/CHENP/2003	PCT/EP02/06584	No. 01202313.1	Netherlands	Shell Internationale Research Maatschappij B.V., Netherlands	Process for preparing a microcrystalline wax ...	C 10 G 73/44
	Dt : 12/11/2003	Dt : 13/06/2002					
99	01979/CHENP/2003	PCT/NL02/00370	Nos. 1018259; 1018793	Netherlands	Gebr. Meijer St. Jabik B.V., Netherlands	Fork - lift truck with loading system	B 66 F 9/19
	Dt : 12/11/2003	Dt : 07/06/2002					
100	01980/CHENP/2003	PCT/EP02/06606	Nos. 0114702.4; 0114701.6	Switzerland	Novartis AG, Switzerland	Quinazoline derivatives	C 07 D 239/00
	Dt : 12/11/2003	Dt : 14/06/2002					
101	01981/CHENP/2003	PCT/EP02/06488	No. 01114496.1	Switzerland	F. Hoffmann - La Roche AG, Switzerland	Aromatic dicarboxylic acid derivatives	C 07 D 333/38
	Dt : 12/11/2003	Dt : 13/06/2002					
102	01982/CHENP/2003	PCT/SE02/01137	No. 0102103 - 9	Sweden	Hoganas AB, Sweden	Method of preparation of high density soft magnetic products	B 22 F 3/087
	Dt : 12/11/2003	Dt : 12/06/2002					
103	01983/CHENP/2003	PCT/EP02/06659	No. 01830102.2	Switzerland	Tetra Laval Holdings & Finance S A, Switzerland	Induction sealing device for heat sealing packaging material	B 29 C 65/02
	Dt : 12/12/2003	Dt : 17/06/2002					
104	01984/CHENP/2003	PCT/US02/18328	No. 09/883, 546	United States of America	Nielsen Media Research, Inc., USA	Method prompting audience members in a audience identification system	H 04 H 9/00
	Dt : 12/12/2003	Dt : 14/06/2002					

105	01985/CHENP/2003	PCT/JP02/05872	Nos. 2002 - 007854; 2001 - 183932	Japan	Kabushiki Kaisha Kobe Seiko Shio, Japan	Method for manufacturing metal nuggets	C 21 B 13/10
	Dt : 12/12/2003	Dt : 13/06/2002					
106	01986/CHENP/2003	PCT/US02/18972	No. 60/298, 957	United States of America	Becton, Dickinson and company, USA	Multilayer containers and process for forming multilayer containers	B 29 C 45/16
	Dt : 12/12/2003	Dt : 14/06/2002					
107	01987/CHENP/2003	PCT/SE02/00969	No. 0101781 - 3	Sweden	FAGER, Jan, G. Sweden; JACOBSON, Sweden; SCHOFIELD, Germany	A device for determining the position and/or orientation of a creature relative to an environment	G 01 S 5/08
	Dt : 12/12/2003	Dt : 21/05/2002					
108	01988/CHENP/2003	PCT/US02/18960	No. 09/881, 017	United States of America	Qualcomm Incorporated, USA	Apparatus and method for watermarking a digital image	G 06 T 1/00
	Dt : 12/12/2003	Dt : 13/06/2002					
109	01989/CHENP/2003	PCT/EP02/07264	No. 0114691.9	Switzerland	RASMUSSEN, Switzerland	Laminates of films and methods and apparatus for their manufacture	B 32 B 27/00
	Dt : 12/12/2003	Dt : 14/06/2002					
110	01990/CHENP/2003	PCT/EP02/05149	Nos. 10123733.2; 10201403.5	Germany	BASF Aktiengesellschaft, Germany	System made from a polyamide and A'-2, 6 - Diaminopyridine derivative and method for production of said system	C 08 G 69/48
	Dt : 12/12/2003	Dt : 10/05/2002					
111	01991/CHENP/2003	PCT/EP02/06424	No. 60/298, 397	Germany	Aventis pharma deutschland GmbH, Germany	Process for the production of piperidine derivative fexofenadine	C 07 D 21/22
	Dt : 12/12/2003	Dt : 12/06/2002					
112	01992/CHENP/2003	PCT/GB02/02804	No. 0114684.4	United States of America	Dow global technologies, Inc., USA	Automobile assembly	B 62 D 29/00
	Dt : 12/12/2003	Dt : 17/06/2002					

113	01993/CHENP/2003	PCT/US02/16855	No. 60/297, 769	United States of America	Meshnetworks, Inc., USA	Embedded routing algorithms under the internet protocol routing layer in a software architecture protocol stack	G 06 J
	Dt: 12/12/2003	Dt: 31/05/2002					
114	01994/CHENP/2003	PCT/EP02/05782	No. 01114497.9	Switzerland	F. Hoffmann - La Roche AG, Switzerland	Acetylation of GP41 fragments	C 12 P 21/00
	Dt: 12/12/2003	Dt: 27/05/2002					
115	01995/CHENP/2003	PCT/SE02/00968	No. 0101807 - 6	Sweden	FAGER, Jan, G. Sweden; JACOBSON, Sweden; SCHOFIELD, Germany	A method for determining the position and/or orientation of a creature relative to an environment	G 01 C 21/00
	Dt: 03/12/2015	Dt: 21/05/2002					
116	01996/CHENP/2003	PCT/FR02/01500	No. 01/06526	France	ATOFINA, France	Organic peroxide heat stabiliser	C 07 C 40/9/00
	Dt: 03/12/2015	Dt: 30/04/2002					
117	01997/CHENP/2003	PCT/EP02/06589	No. 1085/01	Switzerland	Novartis AG, Switzerland	Aminoacetonitrile compounds for controlling endoparasites	A 01 N 37/40
	Dt: 03/12/2015	Dt: 14/06/2002					
118	01998/CHENP/2003	PCT/JP03/04539	Nos. 2002 - 112787, 638, 2002 - 192533, 2002 - 204718, 2003 - 092490	Japan	Matsushita electric Industrial Co., Ltd., Japan	Picture coding method and picture-decoding method	H 04 N 7/32
	Dt: 03/12/2015	Dt: 16/04/2003					
119	01999/CHENP/2003	PCT/US02/11893	Nos. 60/291, 017, 60/291, 018	United States of America	Faulk Pharmaceuticals, Inc., USA	Targeted delivery of drugs for the treatment of parasitic infections	A 61 K
	Dt: 03/12/2015	Dt: 16/05/2002					
120	02000/CHENP/2003	PCT/US02/18962	No. 09/882, 753	United States of America	Qualcomm Incorporated, USA	Configurable pattern optimizer	H 04 N 7/26
	Dt: 03/12/2015	Dt: 13/06/2002					



121	02001/CHENP/2003	PCT/US02/18964	Nos. 60/298, 502; 10/157, 829	United States of America	Qualcomm Incorporated, USA	Method and apparatus for transmitting speech activity in distributed voice recognition systems	G 10 L 15/28
	Dt : 03/12/2015	Dt : 13/06/2002					
122	02002/CHENP/2003	PCT/US01/27378	No. 09/885, 563	United States of America	New Mexico Technical Research foundation, USA	Method of providing an essential oil extract of capsicum, and the extract	A 61 K 35/78
	Dt : 03/12/2015	Dt : 31/08/2001					
123	02003/CHENP/2003	PCT/EP02/06209	No. 0114921.0	ENGLAND	Ciba Speciality Chemicals/Water Treatments Limited, England	Particles containing fabric conditioner	C 11 D 3/37
	Dt : 03/12/2015	Dt : 06/06/2002					
124	02004/CHENP/2003	PCT/DE02/02231	No. 10129422.0	Germany	HT Troplast AG, Germany	PVB film containing a plastifying agent	B 32 B 17/10
	Dt : 03/12/2016	Dt : 19/06/2002					
125	02005/CHENP/2003	PCT/JP03/04809	Nos. 2002 - 118598; 2002 - 121053	Japan	Matsushita electric Industrial Co., Ltd., Japan	Motion vector calculation method	H 04 N 7/32
	Dt : 03/12/2016	Dt : 16/04/2002					
126	02006/CHENP/2003	PCT/JP02/06070	No. 2001 - 185404	Japan	Nippon Carbide Kogyo Kabushiki Kiasha, Japan	Integrated circuit enclosed retroreflective product	G 06 K 19/077
	Dt : 03/12/2016	Dt : 18/06/2002					
127	02007/CHENP/2003	PCT/US02/18389	No. 09/884, 646	United States of America	Zoetis Inc., USA	Web - based communications addressing system and method	G 06 F 11/30
	Dt : 03/12/2016	Dt : 12/06/2002					
128	02008/CHENP/2003	PCT/US02/11778	No. 09/862, 058	United States of America	Dow global technologies, Inc., USA	Oxidative halogenation of C1 hydrocarbons to halogenated C1 hydrocarbons and integrated processes related thereto	C 07 C 17/154
	Dt : 03/12/2016	Dt : 11/04/2002					

129	02009/CHENP/2003	PCT/DK02/00332	No. PA 2001 00817	Denmark	H. Lundbeck A/S, Denmark	Granular preparations of gaboxadol	A 61 K 9/16
	Dt : 03/12/2016	Dt : 17/05/2002					
131	02011/CHENP/2003	PCT/EP02/06182	Nos. 10129365.8; 10137269.8	Germany	Aloys Wobben, Germany	Synchronous machine	H 02 K 11/00
	Dt : 03/12/2017	Dt : 06/06/2002					
132	02012/CHENP/2003	PCT/EP02/05416	No. 10124734.6	Germany	Baerlocher GmbH, Germany	Finely distributed stabilizing composition for polymers containing halogens	C 08 K 3/00
	Dt : 03/12/2017	Dt : 16/05/2002					
133	02013/CHENP/2003	PCT/EP02/06764	No. 101 29 369.0	Germany	Fresenius Kabi Deutschland GmbH, Germany	Water soluble antibiotic comprising an amino sugar, in the form of a polysaccharide conjugate	C 08 B
	Dt : 03/12/2017	Dt : 19/06/2002					
134	02014/CHENP/2003	PCT/US02/19194	Nos. 60/299, 658; 10/172, 576	BERMUDA	Tele engineering (Bermuda) Ltd., Bermuda	Providing communications capabilities to mobile devices at an enterprise	H 04 L
	Dt : 03/12/2017	Dt : 17/06/2002					
135	02015/CHENP/2003	PCT/US02/19309	No. 60/299, 273	United States of America	United Resource Recovery Corporation, USA	Process for separating polyester from other materials	C 08 J 11/04
	Dt : 03/12/2017	Dt : 19/06/2002					
136	02016/CHENP/2003	PCT/EP02/04969	No. 01202339.6	Netherlands	AKZO NOBEL N.V., Netherlands	Retarding agents for preparing purified brine	C 01 D 3/08
	Dt : 03/12/2017	Dt : 06/05/2002					

137	02017/CHENP/2003	PCT/JP03/04805	Nos. 2002 - 118598; 2002 - 121053	Japan	Matsushita electric Industrial Co., Ltd., Japan	Motion vector calculation method	H 04 N 7/32
	Dt : 03/12/2017	Dt : 16/04/2003					
138	02018/CHENP/2003	PCT/US02/19477	Nos. 09/888, 309; 10/157, 288	United States of America	Geron Corporation, USA	Dopaminergic neurons and proliferation - competent precursor cells for treating Parkinson's disease	C 12 N 5/00
	Dt : 03/12/2019	Dt : 20/06/2002					
139	02019/CHENP/2003	PCT/FR02/02158	No. 01/08157	France	Aventis Pharma S.A., France	Pharmaceutical formulation having a masked taste and method for the production thereof	A 61 K 9/00
	Dt : 03/12/2019	Dt : 21/06/2002					
140	02020/CHENP/2003	PCT/SE02/00939	No. 0102233 - 4	Sweden	Uddeholm Tooling Aktiebolag, sweden	Cold work steel	C 22 C 33/02
	Dt : 03/12/2019	Dt : 17/05/2002					
141	02021/CHENP/2003	PCT/FI02/00535	No. 20011337	Finland	CPS Color group OY, Finland	Liquid dispensing device	F 04 B 9/02
	Dt : 03/12/2019	Dt : 18/06/2002					
142	02022/CHENP/2003	PCT/EP02/06202	No. 09/886, 823	United States of America	International Business Machines Corporation, USA	Double gated transistor and method fo fabrication	H 01 L 29/49
	Dt : 03/12/2019	Dt : 06/06/2002					
143	02023/CHENP/2003	PCT/GB02/02790	Nos. 0115109.1; 60/300, 257	Great Britain	Aventis pharma limited, Great Britain	Azaindoles	C 07 D 471/04
	Dt : 03/12/2019	Dt : 20/06/2002					

144	02024/CHENP/2003	PCT/US02/19629	No. 60/299, 874	United States of America	Image Therm Engineering, Inc. USA	Precise position controlled actuating method and system	B 05 B
	Dt : 03/12/2019	Dt : 21/06/2002					
145	02025/CHENP/2003	PCT/US02/19490	No. 09/886, 041	United States of America	Aventis Pharmaceuticals, Inc., USA	A novel G - protein - coupled receptor, GAVE	C 12 N
	Dt : 03/12/2019	Dt : 21/06/2002					
146	02026/CHENP/2003	PCT/US02/16626	No. 09/885, 144	United States of America	3M Innovative Properties Company, USA	Method of manufacturing a touch screen panel	G 06 K 11/16
	Dt : 03/12/2019	Dt : 24/05/2002					
147	02027/CHENP/2003	-	Nos. 09/248 655; 60/075 988	United States of America	Monsanto Technology, LLC., USA	Oxidation catalyst, a process for producing the same and aprocess for the preparation of a product comprising N - PHOSPHONOMETHYL glycine or a salt thereof	-
	Dt : 03/12/2019	Dt : 01/01/1900					
148	02028/CHENP/2003	PCT/JP03/04540	Nos. 2002 - 121051; 2002 - 173865	Japan	Matsushita Electric Industrial Co., Ltd., Japan	Motion vector coding method and motion vector decoding method	B 21 B 27/10
	Dt : 03/12/2022	Dt : 10/04/2003					
149	02029/CHENP/2003	PCT/EP02/06353	No. 101 30 445.5	Germany	SMS Demag AG, Germany	Method and nozzle arrangement for a variable - width lubrication of the rolling nip of a rolling stand	B 21 B 27/10
	Dt : 03/12/2022	Dt : 11/06/2002					
150	02030/CHENP/2003	PCT/GB02/02835	No. 0115393.1; 60/301, 678	United States of America	Aventis Pharmaceuticals, Inc., USA	Pyrolopyrimidines as protein kinase inhibitors	C 07 D 487/04
	Dt : 03/12/2022	Dt : 21/06/2002					
151	02031/CHENP/2003	PCT/CH02/00330	No. 1145/01	Liechtenstein	Bravitex etablisement pour L'Exploitation de brevets textiles, Liechtenstein	Method and installation for producing patterned textile labels	D 03 D 1/00
	Dt : 03/12/2022	Dt : 18/06/2002					

152	02032/CHENP/2003 Dt : 03/12/2002	PCT/EP02/06902 Dt : 21/06/2002	No. 10130135.9	Germany	BASF Aktiengesellschaft, Germany	Preparation of N - Phosphonomethylglycine	C 07 F 9/38
153	02033/CHENP/2003 Dt : 03/12/2002	PCT/IB02/01797 Dt : 21/05/2002	No. 2001/4227	South Africa	Pebble bed modular reactor (Proprietary) limited, South Africa	Device for slowing down spherical elements in a pebble bed nuclear reactor	G 21 C 19/20
154	02034/CHENP/2003 Dt : 03/12/2002	PCT/EP02/06840 Dt : 20/06/2002	No. 101 30 397.1	Germany	Bayer Cropscience GmbH, Germany	Herbicide substituted pyridines, method for producing the same and their use as herbicidal agents and plant growth regulators	C 07 D 401/12
155	02035/CHENP/2003 Dt : 03/12/2002	PCT/EP02/05475 Dt : 17/05/2002	No. 101 25 137.8	Germany	BASF Aktiengesellschaft, Germany	Amide polymer material	C 08 K 3/22
156	02036/CHENP/2003 Dt : 03/12/2002	PCT/EP02/06829 Dt : 20/06/2002	No. 10129688.6	Germany	Trevira GMBH, Germany	Non - pilling polyester fibers	D 01 F 8/84
157	02037/CHENP/2003 Dt : 03/12/2002	PCT/AU02/00632 Dt : 21/05/2002	No. PR 5177	Australia	The University of Melbourne, Australia	Dental restorative materials	A 61 K 6/033
158	02038/CHENP/2003 Dt : 03/12/2002	PCT/US02/17256 Dt : 31/05/2002	Nos. 09/ 887, 416; 10/154, 668	United States of America	TANAKA, Kunihide, USA	Solar energy converter using optical concentration through a liquid	H 01 L 31/052

159	02039/CHENP/2003	PCT/CA02/00726	No. 2, 348, 799	Canada	BLAIS, Marcel, Canada	Electrical component measuring instrument	G 01 R 31/3193
	Dt : 03/12/2022						
	Dt : 21/05/2002						
160	02040/CHENP/2003	PCT/US02/13473	No. 09/864; 093	United States of America	Lightpointe communications, Inc., USA	Free - space optical communication system employing wavelength conversion	H 04 J 3/16 *
	Dt : 03/12/2022	Dt : 30/04/2002					
161	02041/CHENP/2003	PCT/EP02/06867	Nos. 10130121.9; 10133449.4	Germany	BASF Aktiengesellschaft, Germany	Rod shaped apatite crystals with a specific length - to - width ratio	C 01 B 25/32
	Dt : 03/12/2022	Dt : 20/06/2002					
162	02042/CHENP/2003	PCT/EP02/06903	No. 10130136.7	Germany	BASF Aktiengesellschaft, Germany	Process for the recovery of N - phosphonomethylglycine	C 07 F 9/38
	Dt : 03/12/2022	Dt : 21/06/2002					
163	02043/CHENP/2003	PCT/FI02/00552	No. 20011348	Finland	Conenor OY, Finland	Method and apparatus for processing various materials	B 01 F 7/10
	Dt : 03/12/2023	Dt : 24/06/2002					
164	02044/CHENP/2003	PCT/FI02/00569	No. 20011423	Finland	Tikka - system OY, Finland	Method of manufacture surface element, and surface element	B 32 B 3/22
	Dt : 03/12/2023	Dt : 01/07/2002					
165	02045/CHENP/2003	PCT/US02/16499	No. 09/864, 747	United States of America	The Cleveland Clinic foundation, USA	Compositions and methods for affecting metalloprotein uptake	A 61 K 38/21
	Dt : 03/12/2023	Dt : 24/05/2002					

166	02046/CHENP/2003	PCT/JP03/04804	Nos. 2002 - 126029; 2002 - 363107	Japan	Matsushita electric Industrial Co., Ltd., Japan	Variable length coding method and variable length decoding method	H 04 N 7/30
	Dt : 03/12/2023	Dt : 16/04/2002					
167	02047/CHENP/2003	PCT/IB02/02404	No. 09/892, 611	United States of America	Nokia Inc., USA	Protocol to determine optimal target access routers for seamless IP - Level handover	H 04 L
	Dt : 03/12/2023	Dt : 25/06/2002					
168	02048/CHENP/2003	PCT/FI02/00554	No. 20011342	Finland	Nokia Corporation, Finland	Method and apparatus for obtaining data information	H 04 L 12/66
	Dt : 03/12/2023	Dt : 25/06/2002					
169	02049/CHENP/2003	PCT/IT02/00413	No. FI2001A000120	Italy	Fabio Perini S.P.A., Italy	Device for controlling the discharging of rolls from a rewinder and rewinder comprising said device	B 65 H 19/30
	Dt : 03/12/2023	Dt : 21/06/2002					
170	02050/CHENP/2003	PCT/SE02/01068	Nos. 09/887, 264;	Netherlands	AKZO NOBEL N.V., Netherlands	Process for producing chlorine dioxide	C 01 B 11/02
	Dt : 03/12/2023	Dt : 03/06/2002	01850116.3				
171	02051/CHENP/2003	PCT/US02/20160	No. 09/892, 378	United States of America	Qualcomm Incorporated, USA	Method and apparatus for selecting a serving sector in a data communication system	H 04 Q 7/38
	Dt : 03/12/2024	Dt : 25/06/2002					
172	02052/CHENP/2003	PCT/EP02/06354	No. 10130969.4	Germany	SMS Demag AG, Germany	Bridle unit	B 21 B 39/08
	Dt : 03/12/2024	Dt : 11/06/2002					
173	02053/CHENP/2003	PCT/US02/20080	No. 09/897, 801	United States of America	Pharmacia Corporation, USA	Enhanced pharmacokinetic profile of hydrophobic substances	A 61 K 9/00
	Dt : 03/12/2024	Dt : 24/06/2002					



174	02054/CHENP/2003	PCT/EP02/07027	No. 0115602.5	Switzerland	Syngenta Participations AG, Switzerland	Novel N - Bisaryl - and N - aryl - cycloalkylidenyl - alpha - sulfin - and alpha - sulfonamino acid amides	C 07 C 311/06
	Dt : 03/12/2024	Dt : 25/06/2002					
175	02055/CHENP/2003	PCT/FI01/00511		Finland	Nokia Corporation, Finland	Charging in telecommunications network	H 04 L 29/06
	Dt : 03/12/2024	Dt : 28/05/2001					
176	02056/CHENP/2003	PCT/EP02/06644	No. 01115355.8	Switzerland	Basilea Pharmaceutica AG, Switzerland	Intermediate halophenyl derivatives and their use in a process for preparing azole derivatives	C 07 C 29/34
	Dt : 03/12/2024	Dt : 17/06/2002					
177	02057/CHENP/2003	PCT/US02/18407	No. 09/895, 618/	United States of America	Qualcomm Incorporated, USA	DCT compression using golomb - rice coding	H 04 N 7/12
	Dt : 03/12/2024	Dt : 17/06/2002					
178	02058/CHENP/2003	PCT/IN01/00108		India	MSPL Limited, India	A novel porous sulpho sponge iron compound, a process for preparing the same and a method for desulfurizing petroleum gasolines with the same	C 22 B 3/06
	Dt : 03/12/2024	Dt : 08/06/2001					
179	02059/CHENP/2003	PCT/SE02/01188	No. 0102327 = 4	Sweden	Active Biotech AB, Sweden	A novel engineered superantigen for human therapy	A 61 K 39/395
	Dt : 03/12/2024	Dt : 19/06/2002					
180	02060/CHENP/2003	PCT/US02/20345	No. 09/893, 046	United States of America	Qualcomm Incorporated, USA	Turbo decoder with multiple scale selections	H 03 M 13/45
	Dt : 03/12/2026	Dt : 26/06/2002					
181	02061/CHENP/2003	PCT/US01/50862	No. 09/897, 801	United States of America	Pharmacia Corporation, USA	Enhanced systemic absorption of intradermally delivered substances	A 61 M 5/158
	Dt : 03/12/2026	Dt : 26/12/2001					

182	02062/CHENP/2003	PCT/US02/19918	No. 09/897, 801	United States of America	Pharmacia Corporation, USA	Hydrophobic dopamine agonists administered to the dermis	A 61 K 9/70
		Dt : 03/12/2026					
183	02063/CHENP/2003	PCT/IL02/00513	No. 60/301, 147	Israel	Algal sherutey gimur teufati, Israel	Method of anodizing of magnesium and magnesium alloys and producing conductive layers on an anodized surface	C 22 C
		Dt : 03/12/2026					
184	02064/CHENP/2003	PCT/GB02/02445	No. 0112925.3	United Kingdom	Reckitt Benckiser (UK) Limited, United Kingdom	An air freshening or purifying sheet	A 61 L 9/04
		Dt : 03/12/2029					
185	02065/CHENP/2003	PCT/US02/20833	No. 60/302, 418	United States of America	Novozymes North America, Inc., USA	Preparation of cellulosic materials	C 11 D 7/42
		Dt : 03/12/2029					
186	02066/CHENP/2003	PCT/GB02/02922	No. 0116135.5	Great Britain	Tyco Electronics UK Limited, Great Britain and Fibreoptic Limited, Great Britain	Helical shed	H 01 B 19/00
		Dt : 03/12/2029					
187	02067/CHENP/2003	PCT/IL02/00434	No. 09/893, 875	Israel	Fish Biotech Limited, Israel and Israel Oceanographic and Limnological Research Ltd., Israel	A process for storing enriched nematodes	A 01 N
		Dt : 03/12/2029					
188	02068/CHENP/2003	PCT/US02/20780	No. 10/044, 504	United States of America	Becton, Dickinson and Company, USA	Intradermal delivery of vaccines and gene therapeutic agents via microcannula	A 61 M 5/00
		Dt : 03/12/2029					
189	02069/CHENP/2003	PCT/IL02/00359	No. 09/868, 885	Israel	Aqwise-wate technologies Ltd., Israel	Method, apparatus and biomass support element for biological wastewater treatment	C 02 F
		Dt : 03/12/2029					

190	02070/CHENP/2003	PCT/NO02/00188	No. 20012641	Norway	Jets AS, Norway	Liquid seal pump of the helical screw type	F04C 27/02
	Dt : 03/12/2029	Dt : 29/05/2002					
191	02071/CHENP/2003	PCT/IB02/03164	No. 0115996.1	Finland	Nokia Corporation, Finland	Circuit-switched and packet-switched communications	H 04Q 7/22
	Dt : 03/12/2029	Dt : 28/06/2002					
192	02072/CHENP/2003	PCT/US02/19403	No. 09/895,375	United States of America	Qualcomm Incorporated, USA	Method and apparatus for controlling gain level of a supplemental channel in a CDMA communication system	H04B 1/00
	Dt : 03/12/2029	Dt : 17/06/2002					
193	02073/CHENP/2003	PCT/US02/20570	No. 60/301,932	United States of America	Meso scale technologies, LLC, USA	Assay plates, reader systems and methods for luminescence test measurements	nil
	Dt : 03/12/2029	Dt : 28/06/2002					
194	02074/CHENP/2003	PCT/US02/20925	No. 60/302,512	United States of America	Novozymes North America, Inc., USA	Single-batch preparation of cellulosic materials	D06M 23/00
	Dt : 03/12/2029	Dt : 01/07/2002					
195	02075/CHENP/2003	PCT/JP02/05098	No. 2001-161488	Japan	Kyoto Pharmaceutical Industries Ltd., Japan	Novel heterocyclic derivatives and medicinal use thereof	C07D 413/12
	Dt : 03/12/2029	Dt : 27/05/2002					
196	02076/CHENP/2003	PCT/JP02/05097	No. 2001-161489	Japan	Kyoto Pharmaceutical Industries Ltd., Japan	Novel heterocyclic compound and medicinal use thereof	C07D 217/26
	Dt : 03/12/2029	Dt : 27/05/2002					
197	02077/CHENP/2003	PCT/US02/19788	No. 09/896,974	United States of America	IGEN International, Inc., USA	ECL labels having improved non-specific binding properties, methods of using and kits containing the same	G01N
	Dt : 03/12/2029	Dt : 21/06/2002					

198	02078/CHENP/2003	PCT/IN01/00131	-	India	M/S. Orchid Chemicals & Pharmaceuticals Ltd., 1, 6th Floor, Crown Court, 34, Cathedral Road, Chennai - 600086	Chemical synthesis of S - adenosyl - L - Methionine with enrichment of (S, S) - isomer	-
	Dt : 03/12/2029		Dt : 29/06/2001				
199	02079/CHENP/2003	PCT/EP02/06888	No. 101 31 723.9	Germany	Henkel Kommanditgesellschaft Auf Aktien, Germany	Corrosion protection agent and corrosion protection method for metal surfaces	C 23 C 22/34
	Dt : 03/12/1930		Dt : 21/06/2002				
200	02080/CHENP/2003	PCT/CH02/00352	No. 01115991.0	Switzerland	Givaudan SA, Switzerland	Fragrance and flavour compositions	A 61 K 7/46
	Dt : 03/12/1930		Dt : 28/06/2002				
201	02081/CHENP/2003	PCT/IL02/00420	No. 09/870, 707	Israel	Bar - Ilan University, Israel	High - energy, rechargeable electrochemical cells	H 02 J
	Dt : 03/12/1930		Dt : 29/05/2002				
202	02082/CHENP/2003	PCT/US03/13452	No. 10/135, 956	Finland	Nokia Corporation, Finland	Keymat	-
	Dt : 03/12/1930		Dt : 30/04/2003				
203	02083/CHENP/2003	PCT/IB02/01788	No. 01113113.5	United States of America	M/S. Micro Motion Inc., USA	Flowmeter proving device and method	G 01 F 25/00
	Dt : 03/12/1930		Dt : 22/05/2002				
204	02084/CHENP/2003	PCT/EP03/03593	No. 02077085.4	Italy	Basell Poliolefine Italia S.P.A., Italy	Butene - 1 (CO) polymers and process for their preparation	C 08 F 10/08
	Dt : 03/12/1930		Dt : 07/04/2003				
205	02085/CHENP/2003	PCT/JP01/09962	No. 09/895, 388	Japan	Takahiko MUKOUDA, Japan	Method and device for manufacturing metal ferrules used for optical fibers	C 25 D 1/02
	Dt : 03/12/1931		Dt : 14/11/2001				
206	02086/CHENP/2003	PCT/DK01/00460	-	Denmark	Midtjysk Murbinderfabrik A/S, Denmark	A wall tie	E 04 B 2/30
	Dt : 03/12/1931		Dt : 02/07/2001				
207	02087/CHENP/2003	PCT/EP02/07053	No. 01202531.8	Netherlands	AKZO NOBEL N.V., Netherlands	Tetrahydroquinoline derivatives	A 61 K 31/47
	Dt : 03/12/1931		Dt : 25/06/2003				
208	02088/CHENP/2003	PCT/SE02/01273	No. 0102373 - 8	Sweden	Uno LOF, Sweden	Earth drilling device	E 21 B 7/20
	Dt : 03/12/1931		Dt : 27/06/2002				

**INTERNATIONAL APPLICATION FOR PATENT FILED UNDER  
PATENTCOOPERATION TREATY (PCT) AT PATENT OFFICE.**

Application No PCT/IN03/00042

Date of Filing 28-Feb-03

Applicant LUPIN LIMITED;

Priority Claim On

Title A NOVEL PROCESS FOR PREPARATION OF ERINDOPRE AND SALTS THEREOF.

Filed in MUMBAI

Application No PCT/IN03/00043

Date of Filing 03-Mar-03

Applicant HETERO DRUGS LIMITED;

Priority Claim On

Title NOVEL POLYMORPHS OF QUETIAPINE FUMARATE

Filed in CHENNAI

Application No PCT/IN03/00044

Date of Filing 03-Mar-03

Applicant SOMASUNDARAM RAMKUMAR;

Priority Claim On 161/MAS/2002 IN

Title MOBILE PHONE WITH MULTIPLE NUMBER OF SIMCARDS CAN BE TRANSRECEIVE MULTIPLE NUMBER OF MOBILE COMPANIES TOWERS AT A TIME

Filed in CHENNAI

Application No PCT/IN03/00045

Date of Filing 07-Mar-03

Applicant THADANI, MAHESH;

Priority Claim On 133/MUM/2003 IN

Title AN IMPROVED INSULATED BOTTLE

Filed in MUMBAI

Application No PCT/IN03/00046

Date of Filing 07-Apr-03

Applicant AMAM, DINESH, M;

Priority Claim On

Title FRICTION AND RELEASE COATED POLYIMIDE FILM FOR ELECTRICAL INSULATION AND THE PROCESS OF MANUFACTURING THE SAME.

Filed in MUMBAI

Application No PCT/IN03/00047

Date of Filing 07-Mar-03

Applicant DEPARTMENT OF SCIENCE AND TECHNOLOGY;

Priority Claim On 1308/DEL/2002 IN

Title DEVICE FOR MEASUREMENT OF TISSUE HARDNESS

Filed in DELHI

Application No PCT/IN03/00048

Date of Filing 07-Mar-03

Applicant IND-SWIFT LTD.;

Priority Claim On 207/DEL/2002 IN

Title TASTELESS, DIRECTLY COMPRESSIBLE, FAST-DISSOLVING COMPLEXES AND PHARMACEUTICAL FORMULATIONS THEREOF.

Filed in DELHI

Application No PCT/IN03/00049

Date of Filing 07-Mar-03

Applicant THIAGARAJAN, ARVIND;

Priority Claim On 895/MAS/2001 IN

Title REPETITION CODED COMPRESSION FOR HIGHLY CORRELATED IMAGE DATA.

Filed in CHENNAI

Application No PCT/IN03/00050

Date of Filing 10-Mar-03

Applicant HETERO DRUGS LTD.;

Priority Claim On

Title AMORPHOUS CLOPIDOGREL HYDROGEN SULFATE

Filed in CHENNAI

Application No PCT/IN03/00051

Date of Filing 10-Mar-03

Applicant MADRAS ENGINEERING INDUSTRIES LTD.

Priority Claim On 234/MAS/2002 IN

Title AN AUTOMATIC BRAKE ADJUSTER FOR ADJUSTING THE SLACK BETWEEN THE BRAKE LINING AND BRAKE DRUM OF A VEHICULAR BRAKING SYSTEM.

Filed in CHENNAI

Application No	PCT/IN03/00052
Date of Filing	10-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	60/363, 460 US
Title	BIOAVAILABILITY/ BIOEFFECTICACY ENHANCING ACTIVITY OF CUMINUM CYMINUM AND EXTRACTS AND FRACTIONS THEREOF.
Filed in	DELHI
Application No	PCT/IN03/00053
Date of Filing	12-Mar-03
Applicant	CADILA HEALTHCARE LIMITED;
Priority Claim On	
Title	NEW POLYMORPHS OF (S)-(+)-CLOPIDOGREL BISULFATE, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE IN MEDICINE.
Filed in	MUMBAI
Application No	PCT/IN03/00054
Date of Filing	12-Mar-03
Applicant	SUN PHARMACEUTICAL INDUSTRIES LIMITED;
Priority Claim On	
Title	ORAL CONTROLLED DRUG DELIVERY SYSTEM.
Filed in	MUMBAI
Application No	PCT/IN03/00055
Date of Filing	13-Mar-03
Applicant	MOREPEN LABORATORIES LTD.;
Priority Claim On	
Title	AN IMPROVED PROCESS FOR THE PRODUCTION OF LORATADINE.
Filed in	DELHI
Application No	PCT/IN03/00056
Date of Filing	13-Mar-03
Applicant	DYNASPEDE INTEGRATED SYSTEMS PVT. LTD.;
Priority Claim On	428/MAS/2002 IN 991/MAS/2002 IN
Title	AN APPARATUS FOR DETERMINING PRECISE PROCESS TENSIONS FOR WEB MATERIAL.
Filed in	CHENNAI



Application No	PCT/IN03/00057
Date of Filing	17-Mar-03
Applicant	HETERO DRUGS LIMITED;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF LAMOTRIGINE
Filed in	CHENNAI
Application No	PCT/IN03/00058
Date of Filing	18-Mar-03
Applicant	HETERO FRUGS LIMITED;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF LEVETIRACETAM.
Filed in	CHENNAI
Application No	PCT/IN03/00059
Date of Filing	19-Mar-03
Applicant	SUVEN PHARMACEUTICALS LTD.;
Priority Claim On	
Title	A PROCESS FOR THE PREPARATION OF INDOLYMALEIMIDES.
Filed in	CHENNAI
Application No	PCT/IN03/00060
Date of Filing	19-Mar-03
Applicant	HETERO FRUGS LIMITED;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF FINASTERIDE.
Filed in	CHENNAI
Application No	PCT/IN03/00061
Date of Filing	20-Mar-03
Applicant	BANERJI, PRASANTA;
Priority Claim On	179/CAL/02 IN
Title	A PROCESS FOR THE PREPARATION OF A NEW MEDICINAL COMBINATION FOR REGRESSION OF INTRACRANIAL...
Filed in	CALCUTTA
Application No	PCT/IN03/00062
Date of Filing	20-Mar-03
Applicant	BANERJI, PRASANTA;
Priority Claim On	180/CAL/02 IN
Title	RUTAPHOS - A PRODUCT FORMULATION FOR REGRESSION OF INTRACRANIAL TUMORS AND OTHER TUMORS...
Filed in	CALCUTTA

Application No	PCT/IN03/00063
Date of Filing	20-Mar-03
Applicant	COUNCIL OF SCINETIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	A PROCESS FOR THE PRODUCTION OF PLANT GROWTH STIMULATOR FROM FLY ASH.
Filed in	DELHI
Application No	PCT/IN03/00064
Date of Filing	21-Mar-03
Applicant	PARTHASARADHI, REDDY BANDI;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF ARIPIRAZOLE.
Filed in	MUMBAI
Application No	PCT/IN03/00065
Date of Filing	21-Mar-03
Applicant	DEPARTMENT OF BIOTECHNOLOGY;
Priority Claim On	1250/DEL/2002 IN
Title	A SALT TOLERANT L-MYO-INOSITOL 1 PHOSPHATE SYNTHASE AND THE PROCESS OF OBTAINING THE SAME.
Filed in	DELHI
Application No	PCT/IN03/00066
Date of Filing	24-Mar-03
Applicant	HETERO DRUGS LIMITED;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF (S)-CITALOPRAM OXALATE
Filed in	CHENNAI
Application No	PCT/IN03/00067
Date of Filing	24-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	60/367,490 US.
Title	ANTI PEPTIC ULCER ACTIVITY OF AN EXTRACT OF A PLANT FLOWER WOODFORDIA FRUTICOSA.
Filed in	DELHI
Application No	PCT/IN03/00068
Date of Filing	24-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	A PROCESS FOR THE PREPARATION OF CUSTARD APPLE JAM AND THE CUSTARD APPLE JAM THUS OBTAINED.
Filed in	DELHI

Application No PCT/IN03/00069  
Date of Filing 24-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
  
Title A HIGH FIBRE BISCUIT COMPOSITION AND A PROCESS FOR PREPARING THE SAME.  
Filed in DELHI

Application No PCT/IN03/00070  
Date of Filing 24-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On 10/107, 335 US

Title A NATURAL NONTOXIC MULTICOLOR FLUORESCENT PROTEIN DYE FROM A MARINE INVERTEBRATE, COMPOSITIONS CONTAINING THE SAID DYE ITS USES.  
Filed in DELHI

Application No PCT/IN03/00071  
Date of Filing 24-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On 10/107, 588 US

Title A NATURAL NON-POLAR FLUORESCENT DYE FROM A NON-BIOLUMINESCENT MARINE INVERTEBRATE, COMPOSITIONS CONTAINING THE SAID DYE AND ITS USES.  
Filed in DELHI

Application No PCT/IN03/00072  
Date of Filing 24-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title A METHOD OF TREATING AND/ OR PREVENTING ASTHMA USING NATURAL COMPOUND LUTEOLIN.  
Filed in DELHI

Application No PCT/IN03/00073  
Date of Filing 24-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On 10/107, 806 US

Title A COMPOUND AS CHOLINESTERASE INHIBITOR AND ITS ISOLATION FROM FUNGUS SPOROTRICHUM SPECIES.  
Filed in DELHI

Application No	PCT/IN03/00074
Date of Filing	24-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	60/395, 895 US
Title	TOTAL LIME AND SULFIDE FREE UNHAIRING PROCESS USING ANIMAL AND/ OR PLANT ENZYMES.
Filed in	DELHI
Application No	PCT/IN03/00075
Date of Filing	25-Mar-03
Applicant	RASHTREEYA SHIKSHANA SAMITHI TRUST;
Priority Claim On	223/MAS/2002 IN
Title	NORMAL CURE COMPOSITE TAPE SEAL (NCCS) FOR CABLE JOINTS.
Filed in	CHENNAI
Application No	PCT/IN03/00076
Date of Filing	25-Mar-03
Applicant	HETERO DRUGS LIMITED;
Priority Claim On	
Title	NOVEL CRYSTALLINE FORMS OF TEGASEROD MALEATE.
Filed in	CHENNAI
Application No	PCT/IN03/00077
Date of Filing	25-Mar-03
Applicant	GODFREY PHILLIPS INDIA LIMITED;
Priority Claim On	319/DEL/2002 IN
Title	BIODEGRADABLE DUAL DENSITY FILTER CIGARETTE
Filed in	DELHI
Application No	PCT/IN03/00078
Date of Filing	25-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
Priority Claim On	
Title	A SYNERGISTIC IMPROVER MIX
Filed in	DELHI

Application No PCT/IN03/00079  
Date of Filing 25-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On 60,367, 163 US  
  
Title THERMOLABILE CAFFEINE FRACTIONS OF TEA LEAVES AND AN  
EFFICIENT METHOD OF INTRODUCING AGROBACTERIUM-MEDIATED  
GENETIC TRANSFORMATION IN PLANTS.  
Filed in DELHI

Application No PCT/IN03/00080  
Date of Filing 25-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title A SYNERGISTIC SUGAR-FREE SYRUP COMPOSITION AND A PROCESS  
FOR PREPARING THE SAME.  
Filed in DELHI

Application No PCT/IN03/00081  
Date of Filing 26-Mar-03  
Applicant CADILA HEALTHCARE LIMITED;  
Priority Claim On 310/MUM/2002 IN

Title NOVEL ANTIINFECTIVE COMPOUNDS, PROCESS FOR THEIR  
PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING  
THEM.  
Filed in MUMBAI

Application No PCT/IN03/00082  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title NONTOXIC DENTAL CARE HERBAL FORMULATION FOR PREVENTING  
DENTAL PLAQUE AND GINGIVITIS.  
Filed in DELHI

Application No PCT/IN03/00083  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title NOVEL SESQUITERPENE OXIDES AS PERFUMING AND FLAVOURING  
AGENTS  
Filed in DELHI

Application No PCT/IN03/00084  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On 60/367,212 US

Title AN ADIPOCYTE INSULIN AND A METHOD OF TREATING DIABETES.  
Filed in DELHI

Application No PCT/IN03/00085  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title A MULTIPURPOSE READY-TO-USE HIGH PROTEIN SOY GRANULES AND A  
PROCESS FOR PREPARATION THEREOF.  
Filed in DELHI

Application No PCT/IN03/00086  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title A PROCESS FOR THE ENCAPSULATION OF GARCINIA EXTRACT.  
Filed in DELHI

Application No PCT/IN03/00087  
Date of Filing 26-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title A READY TO USE DRY ONION MIX COMPOSITION AND A PROCESS FOR  
PREPARING THE SAME.  
Filed in DELHI

Application No PCT/IN03/00088  
Date of Filing 26-Mar-03  
Applicant PANDA, JAJANYA DATTA;  
Priority Claim On

Title A COMPOSITION FOR THE MANUFACTURE OF SILICA INSULATING  
REFRACTORY BRICK.  
Filed in CALCUTTA

Application No PCT/IN03/00089

Date of Filing 27-Mar-03

Applicant SUN PHARMACEUTICAL INDUSTRIES LTD;

Priority Claim On 302-MUM-2002 IN

Title 4-(DIARYLMETHYL)-1-PIPERAZINYL DERIVATIVES.

Filed in MUMBAI

Application No PCT/IN03/00090

Date of Filing 27-Mar-03

Applicant HETERO DRUGS LIMITED;

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF CANDESARTAN CILEXETIL.

Filed in CHENNAI

Application No PCT/IN03/00091

Date of Filing 27-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title NOVEL ANTICANCER DITERPENE COMPOUNDS, PROCESS AND USES THEREOF.

Filed in DELHI

Application No PCT/IN03/00092

Date of Filing 27-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title A SOY BASED COMPOSITION USEFUL AS SUPPLEMENTARY FOOD AND A PROCESS FOR PREPARING THE SAME.

Filed in DELHI

Application No PCT/IN03/00093 (WITHDRAWAL BY APPLICANT)

Date of Filing 28-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title THERMOLABILE CAFFEINE FRACTIONS OF TEA LEAVES AND AN EFFICIENT METHOD OF INTRODUCING AGROBACTERIUM-MEDIATED GENETIC TRANSFORMATION IN PLANTS

Filed in DELHI

Application No PCT/IN03/00094  
Date of Filing 28-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title A METHOD FOR ENHANCING LEVELS OF POLYUNSTOCHYTRID  
PROTISTS.  
Filed in DELHI

Application No PCT/IN03/00095  
Date of Filing 28-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title A PROCESS FOR REPARATION OF THERMOSTABLE ENZYME.  
Filed in DELHI

Application No PCT/IN03/00096  
Date of Filing 31-Mar-03  
Applicant HETERO DRUGS LIMITED (R&D);  
Priority Claim On  
Title A NOVEL AMORPHOUS FORM OF VALSARTAN  
Filed in CHENNAI

Application No PCT/IN03/00097  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title ANTIMICROBIAL AND ANTICANCER PROPERTIES OF  
METHYL-b-ORCINOLCARBOXYLATE FROM LICHEN (Everniastrum  
Filed in DELHI

Application No PCT/IN03/00098  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title METHOD FOR SYNTHESIS OF GEIKELITE - A MANTLE OXIDE.  
Filed in DELHI

Application No PCT/IN03/00099  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title COPOLYMER OF BENZENE AND SUBSTITUTES  
Filed in DELHI



Application No PCT/IN03/00100

Date of Filing 31-Mar-03

Applicant

Priority Claim On

Title HEPATOPROTECTIVE PHARMACEUTICAL COMPOSITION COMPRISING A MIXTURE OF COUMARINOLIGNOIDS, PROCESS FOR PREPARATION THEREOF.

Filed in DELHI

Application No PCT/IN03/00101

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title PILLARED CLAY BASED VANADIA CATALYST AND PROCESS FOR PREPARATION

Filed in DELHI

Application No PCT/IN03/00102

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title NEW PYRENE LINKED PYRROLO[2,1-c][1,2,4]BENZODIAZEPINE HYBRIDS USEFULL AS ANTICANCER AGENTS

Filed in DELHI

Application No PCT/IN03/00103

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title

Filed in DELHI

Application No PCT/IN03/00104

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title METHOD FOR PREPARING PHOTOREACTIVE POLYMERS AND IMMOBILIZATION OF BIOLECULES ONTO THESE POLYMERS

Filed in DELHI

Application No PCT/IN03/00105  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title ONE STEP PROCESS FOR PREPARING ANTIBACTERIAL AND ANTIOXIDANT FRACTION FROM SEABUCKTHORN PARTS (*Hippophae rhamnoides* L.)  
Filed in DELHI

Application No PCT/IN03/00106  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title ECO-FRIENDLY PROCESS FOR THE PREPARATION OF CHIRAL ALCOHOLS BY ASYMMETRIC REDUCTION OF PROCHIRAL KETONES  
Filed in DELHI

Application No PCT/IN03/00107  
Date of Filing 23-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title (+)-1-BISABOLONE ISOLATED FROM *Cymbopogon flexuosus* AND ANTIBACTERIAL ACTIVITY THEREOF  
Filed in DELHI

Application No PCT/IN03/00108  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title PROCESS FOR PREPARING TOPOTECAN FROM 10-HYDROXY-4-(S) CAMPTOTHECIN  
Filed in DELHI

Application No PCT/IN03/00109  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title SYSTEM AND METHOD FOR THE TREATMENT OF WASTEWATER  
Filed in DELHI

Application No PCT/IN03/00110  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
  
Title USE OF HERBAL AGENTS FOR POTENTIATION OF BIOEFFICACY OF ANTI  
INFECTIVES  
Filed in DELHI

Application No PCT/IN03/00111  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title PROCESS FOR PREPARING 2,6-DIVINYLPYRIDINE AND  
2-METHYL-4-VINYLPYRIDINE FROM 2,6-LUTIDINE OVER MODIFIED  
Filed in DELHI

Application No PCT/IN03/00112  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title PROCESS FOR RECOVERY OF PURE ACRYLONITRILE  
Filed in DELHI  
Application No PCT/IN03/00113  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title USE OF ANIMAL URINE FOR EFFICIENT AND QUALITY  
VERMICOMPOSTING AND RECYCLING SLOW DEGRADING AND  
UNCONVENTIONAL SUBSTRATES AND THE PROCESS FOR THE SAME.  
Filed in DELHI

Application No PCT/IN03/00114  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On

Title PYRIDINYLOXY PHENYL METHANOL DERIVATIVES AND PROCESS OF  
PREPARATION THEREOF  
Filed in DELHI

Application No	PCT/IN03/00115
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	POLYMERIZABLE MONOMERS AND PROCESS OF PREPARATION THEREOF
Filed in	DELHI
Application No	PCT/IN03/00116
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	PROCESS FOR SEPARATION AND RECOVERY OF POLYETHYLENE GLYCOL (PEG) FROM SPENT AQUEOUS TWO PHASE SYSTEMS
Filed in	DELHI
Application No	PCT/IN03/00117
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	CATALYST FOR SYNTHESIS OF HYDROCARBONS FROM SYNTHESIS GAS, PROCESS OF PREPARATION OF CATALYST.
Filed in	DELHI
Application No	PCT/IN03/00118
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	SEQUENTIAL BATCH REACTOR WITH BIOFILM CONFIGURATION FOR TREATING COMPLEX CHEMICAL AND PHARMACEUTICAL EFFLUENTS
Filed in	DELHI
Application No	PCT/IN03/00119
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	NOVEL NITRILE GLYCOSIDE USEFUL AS A BIOENHANCER OF DRUGS AND NUTRIENTS, PROCESS OF ITS ISOLATION FROM MORINGA OLEIFERA.
Filed in	DELHI

Application No PCT/IN03/00120

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title PROCESS FOR THE SIMULTANEOUS CONVERSION OF METHANE AND ORGANIC OXYGENATE TO C2 TO C10 HYDROCARBONS

Filed in DELHI

Application No PCT/IN03/00121

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title PROCESS FOR SYNTHESIS OF BIS-(SUBSTITUTED-4-QUINOEYL) DISULPHIDES

Filed in DELHI

Application No PCT/IN03/00122

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title NEW PYRIMIDINE LINKED PYRROLO[2,1-c][1,4]BENZODIAZEPINES AS POTENTIAL ANTITUMOUR AGENTS

Filed in DELHI

Application No PCT/IN03/00123

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title A PROCESS FOR PREPARATION OF HYPOGLYCEMIC FOODS AND FORMULATIONS THEREOF

Filed in DELHI

Application No PCT/IN03/00124

Date of Filing 31-Mar-03

Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;

Priority Claim On

Title OLIGONUCLEOTIDE PRIMERS OF SEQ ID NOS. 1 TO 21 AND A PROCESS FOR DETECTION OF PARASITE SALMONELLA USING OLIGONUCLEOTIDE PRIMERS

Filed in DELHI

Application No	PCT/IN03/00125
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	A COMPOSITION (RUCD) FOR PROTECTING AND/OR REPAIRING DNA FROM OXIDATIVE DAMAGES AND A METHOD THEREOF
Filed in	DELHI
Application No	PCT/IN03/00126
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	A PROCESS FOR ELECTROCHEMICAL OXIDATION OF BROMIDE TO DROMINE
Filed in	DELHI
Application No	PCT/IN03/00127
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	MICROBIAL DECONTAMINATOR
Filed in	DELHI
Application No	PCT/IN03/00128
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	A PROCESS FOR IMPROVER PREMIX FOR CHAPATIS AND RELATED PRODUCTS
Filed in	DELHI
Application No	PCT/IN03/00129
Date of Filing	31-Mar-03
Applicant	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;
Priority Claim On	
Title	SYNERGISTIC HEPATOPROTECTIVE COMPOSITION AND A METHOD THEREOF
Filed in	DELHI

Application No PCT/IN03/00130  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title A DEVICE USEFUL FOR SIGNAL TRANSFER FROM STATIC SURFACE TO  
ROTATING SURFACE AND VICEVERSA  
Filed in DELHI

Application No PCT/IN03/00131  
Date of Filing 31-Mar-03  
Applicant COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH;  
Priority Claim On  
Title  $Mg_2MM'O_6 \cdot x(M=Y, \text{rare earth metal and } M'=Sn \text{ or } Zr)$  dielectric ceramics and  
their preparation as nanoparticles  
Filed in DELHI

Application No PCT/IN03/00132  
Date of Filing 31-Mar-03  
Applicant SECRETARY, DEPARTMENT OF ATOMIC ENERGY;  
Priority Claim On  
Title A PROCESS FOR RECOVERY OF HIGH PURITY URANIUM FROM  
FERTILIZER GRADE WEAK PHOSPHORIC ACID  
Filed in MUMBAI

Application No PCT/IN03/00133  
Date of Filing 01-Apr-03  
Applicant CADILA HEALTHCARE LTD.  
Priority Claim On 327/MUM/2002 IN  
Title NEW HETEROCYCLIC COMPOUNDS, PROCESS FOR THEIR PREPARATION  
AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR  
USE IN MEDICINE.  
Filed in MUMBAI

Application No PCT/IN03/00134  
Date of Filing 02-Apr-03  
Applicant VENKATESHA, RUDRAPATNAKESHAVAMURTHY;  
Priority Claim On 581/MAS/2002 IN  
Title FULLY VITRIFIED STAIN FREE EXTRUDED PORCELAIN STONEWARE TILES,  
SLABS AND PROFILES.  
Filed in CHENNAI

Application No PCT/IN03/00135

Date of Filing 02-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF GATELOXACIN  
Filed in CHENNAI

Application No PCT/IN03/00136

Date of Filing 02-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title A NOVEL PROCESS FOR AMORPHOUS FORM OF DONEPEZIL  
HYDROCHLORIDE  
Filed in CHENNAI

Application No PCT/IN03/00137

Date of Filing 03-Apr-03

Applicant ARJUNA NATURAL EXTRACTS LTD.;

Priority Claim On 10468 IN

Title A PROCESS AND TECHNIQUE TO ELEVATE SERUM HIGH DENSITY  
LIDOPROTEIN  
Filed in CHENNAI

Application No PCT/IN03/00138

Date of Filing 03-Apr-03

Applicant DEVI PESTICIDES PRIVATE LTD.;

Priority Claim On

Title FLOWERING STIMULANT COMPOSITION USING NITROBENZENE.  
Filed in CHENNAI

Application No PCT/IN03/00139

Date of Filing 04-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF VALDECOKIB  
Filed in CHENNAI



**Application No** PCT/IN03/00140  
**Date of Filing** 04-Apr-03  
**Applicant** HETERO DRUGS LTD.  
**Priority Claim On**

**Title** NOVEL CRYSTALLINE FORMS OF PARECOXIB SODIUM  
**Filed in** CHENNAI

**Application No** PCT/IN03/00141  
**Date of Filing** 04-Apr-03  
**Applicant** CADILA HEALTHCARE LTD.  
**Priority Claim On**

**Title** FAST DISINTEGRATING ORAL DOSAGE FORMS  
**Filed in** MUMBAI

**Application No** PCT/IN03/00142  
**Date of Filing** 04-Apr-03  
**Applicant** GOYLE, NARESH, KUMAR  
**Priority Claim On** 323/MUM/2002 IN

**Title** SYSTEM FOR BI-DIRECTIONAL COMMUNICATION/ SIGNALLING  
BETWEEN VEHICLES  
**Filed in** MUMBAI

**Application No** PCT/IN03/00143  
**Date of Filing** 07-Apr-03  
**Applicant** BIOCON INDIAN LTD.  
**Priority Claim On**

**Title** MICROWAVE SYNTHESIS OF MYCOPHENOLATE MOPETIL  
**Filed in** CHENNAI

**Application No** PCT/IN03/00144  
**Date of Filing** 07-Apr-03  
**Applicant** HETERO DRUGS LTD.  
**Priority Claim On**

**Title** A NOVEL CRYSTALLINE FORM OF DORZOLAMIDE HYDROCHLORIDE  
**Filed in** CHENNAI

Application No PCT/IN03/00145

Date of Filing 07-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF ABACAVIR SULFATE  
Filed in CHENNAI

Application No PCT/IN03/00146

Date of Filing 07-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title A NOVEL CRYSTALLINE FORMS OF IRBESARTAN  
Filed in CHENNAI

Application No PCT/IN03/00147

Date of Filing 07-Apr-03

Applicant ENGINEERS INDIA LTD.

Priority Claim On 631/DEL/2002 IN

Title IMPROVED STEAM TRAP DEVICE  
Filed in DELHI

Application No PCT/IN03/00148

Date of Filing 07-Apr-03

Applicant THE ADDITIONAL DIRECTOR (IPR)  
(DRDO)

Priority Claim On 612/DEL/2002 IN

Title AN ELECTROCHEMICALLY REACTING COMPOSITION AND A PROCESS  
FOR THE PREPARATION THEREOF  
Filed in DELHI

Application No PCT/IN03/00149

Date of Filing 08-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL POLYMORPS OF TOLTERODINE TARTRATE  
Filed in CHENNAI

Application No PCT/IN03/00150

Date of Filing 08-Apr-03

Applicant SUN PHARMACEUTICALS INDUSTRIES LTD.

Priority Claim On 332/MUM/2002 IN

Title ANTIHISTAMINIC COMPOUNDS

Filed in MUMBAI

Application No PCT/IN03/00151

Date of Filing 10-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF S-OMEPRAZOLE MAGNESIUM

Filed in CHENNAI

Application No PCT/IN03/00152

Date of Filing 10-Apr-03

Applicant RELIANCE INDUSTRIES LTD.

Priority Claim On

Title SINGLE STEP PROCESS FOR THE PREPARATION OF LOWER ALPHA

-ALKENE POLYMERIZATION HETEROGENEOUS SOLID CATALYST

Filed in MUMBAI

Application No PCT/IN03/00153

Date of Filing 10-Apr-03

Applicant JOHNSON & JOHNSON LTD.

Priority Claim On

Title COSMETIC POWDER FOR TREATMENT OF ACNE AND METHOD OF  
MAKING THE SAME

Filed in MUMBAI

Application No PCT/IN03/00154

Date of Filing 11-Apr-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF ZIPRASIDONE HYDROCHLORIDE

Filed in CHENNAI

**Application No** PCT/IN03/00155

**Date of Filing** 11-Apr-03

**Applicant** LAKSHMI MACHINE WORKS LTD.

**Priority Claim On** 102 17 669.8 DE

**Title** APPARATUS FOR CONDENSING A DRAFTED FIBRE SLIVER  
**Filed in** CHENNAI

**Application No** PCT/IN03/00156

**Date of Filing** 16-Apr-03

**Applicant** SUN PHARMACEUTICAL INDUSTRIES LTD.

**Priority Claim On** 348/MUM/2002  
(34/MUM-WTO/2002)  
IN

**Title** SUBSTANTIALLY PURE ANTIHISTAMINIC COMPOUND  
**Filed in** MUMBAI

**Application No** PCT/IN03/00157

**Date of Filing** 16-Apr-03

**Applicant** HETERO DRUGS LTD.

**Priority Claim On**

**Title** A NOVEL CRYSTALLINE FORM OF RISPERIDONE  
**Filed in** CHENNAI

**Application No** PCT/IN03/00158

**Date of Filing** 16-Apr-03

**Applicant** HETERO DRUGS LTD.

**Priority Claim On**

**Title** NOVEL CRYSTALLINE FORMS OF DONEPEZIL HYDROCHLORIDE  
**Filed in** CHENNAI

**Application No** PCT/IN03/00159

**Date of Filing** 16-Apr-03

**Applicant** NATCO PHARMA LTD.

**Priority Claim On** 427/MAS/2002 IN

**Title** AN IMPROVED PROCESS FOR THE PREPARATION OF  
4-(4-FLUOROBENZOYL) BUTYRIC ACID  
**Filed in** CHENNAI

Application No PCT/IN03/00160

Date of Filing 16-Apr-03

Applicant CHATURVEDI, NISHITH C

Priority Claim On 10/153,555 US  
460/MUM/2002 IN

Title NOVEL PROCESS FOR PRODUCTION OF THE SOMATOSTATIN ANALOG,  
OCTREOTIDE

Filed in MUMBAI

Application No PCT/IN03/00161

Date of Filing 17-Apr-03

Applicant BRAKES INDIA LTD.

Priority Claim On

Title A PROCESS AND SYSTEM FOR MANUFACTURING BRAKE SHOE WEBS

Filed in CHENNAI

Application No PCT/IN03/00162

Date of Filing 17-Apr-03

Applicant CHENICHERI, VMDAKKIL VENUGOPALAN

Priority Claim On 300/MAS/2002 IN

Title WRITING PEN WITH BUILT-IN FACILITY FOR CREATING AN EMBOSSED  
AND METALLIC COATED SURFACE UNDER LAYER FOR SIGNATURE TO  
SECURE ORIGINALITY

Filed in CHENNAI

Application No PCT/IN03/00163

Date of Filing 21-Apr-03

Applicant GANGA, VISWANATHAN, ARUN, SRIRAM;

Priority Claim On 314/MAS/2002 IN

Title IMPROVED MOTORIZED VEHICLE

Filed in CHENNAI

Application No PCT/IN03/00164

Date of Filing 04-Jan-03

Applicant SUN PHARMACEUTICAL INDUSTRIES LTD.

Priority Claim On 299/MUM/2002 IN  
365/MUM/2002  
(36/MUM-WTO/ 2002)  
IN

Title OPTICALLY ACTIVE SUBSTITUTED  
PYRIDINYLMETHYL-SULPHINYLBENZIMIDAZOLE AND SALTS

Filed in MUMBAI

**Application No** PCT/IN03/00165  
**Date of Filing** 21-Apr-03  
**Applicant** NATCO PHARMA LTD.  
**Priority Claim On**

**Title** AN IMPROVED PROCESS FOR THE PREPARATION OF CITALOPRAM  
**Filed in** CHENNAI

**Application No** PCT/IN03/00166  
**Date of Filing** 22-Apr-03  
**Applicant** BIOCON INDIAN LTD.  
**Priority Claim On**

**Title** NOVEL PROCESS FOR STEREOSELECTIVE REDUCTION OF BETA  
-KETOESTERS  
**Filed in** CHENNAI

**Application No** PCT/IN03/00167  
**Date of Filing** 22-Apr-03  
**Applicant** KAMATH, DAS AJEE  
**Priority Claim On**

**Title** APPARATUS ADEPTED TO PERFORM AS COMPRESSOR, MOTOR, PUMP  
AND INTERNAL COMBUSTION ENGINE  
**Filed in** MUMBAI

**Application No** PCT/IN03/00168  
**Date of Filing** 24-Mar-03  
**Applicant** THE INDIAN INSTITUTE OF  
TECHNOLOGY, MUMBAI  
**Priority Claim On**

**Title** PROCESS FOR TREATMENT OF ORGANIC WASTES  
**Filed in** MUMBAI

**Application No** PCT/IN03/00169  
**Date of Filing** 28-Apr-03  
**Applicant** DR. Y. S. PARMAR UNIVERSITY OF  
HORTICULTURE AND  
**Priority Claim On** 844/DEL/02 IN

**Title** FORESTRY A PROCESS FOR THE ESTIMATION OF VOLATILE  
SUBSTANCES  
**Filed in** DELHI

Application No PCT/IN03/00170

Date of Filing 29-Apr-03

Applicant KAMINENI, SHOBANA

Priority Claim On PCT/IN02/00229

Title A NOVEL SYSTEM OF COMPRESSION UNIT USED TO MANUFACTURE INSTANTLY A BATCH OF CUSTOMISED DOSAGE

Filed in CHENNAI

Application No PCT/IN03/00171

Date of Filing 29-Apr-03

Applicant KAMINENI, SHOBANA

Priority Claim On PCT/IN02/00229

Title A NOVEL SYSTEM OF DOSAGE MEASURING UNIT USED TO MANUFACTURE INSTANTLY A BATCH OF CUSTOMISED DOSAGE

Filed in CHENNAI

Application No PCT/IN03/00172

Date of Filing 29-Apr-03

Applicant KAMINENI, SHOBANA

Priority Claim On PCT/IN02/00229

Title A NOVEL SYSTEM OF BLENDING UNIT USED TO MANUFACTURE INSTANTLY A BATCH OF CUSTOMISED DOSAGE

Filed in CHENNAI

Application No PCT/IN03/00173

Date of Filing 02-May-03

Applicant KUMAR, DINESH, R

Priority Claim On 115/MAS/2003 IN

Title AN IMPROVED PROCESS FOR PREPARING NIZATIDINE INTERMEDIATE

Filed in CHENNAI

Application No PCT/IN03/00174

Date of Filing 02-May-03

Applicant SHANKAR, VINEET

Priority Claim On

Title AN ERGONOMIC VERTICAL ORIENTED OPERATING SUPPORT CUM POINTING CUM WRITING DEVICE USED IN COMPUTER OR OTHER COMPUTING INPUT DEVICE

Filed in DELHI

Application No PCT/IN03/00175  
Date of Filing 05-May-03  
Applicant HETERO DRUGS LTD.  
Priority Claim On

Title AMORPHOUS CLOPIDOGREL HYDROGEN SULFATE COMPOSITION  
Filed in CHENNAI

Application No PCT/IN03/00176  
Date of Filing 05-May-03  
Applicant UNIVERSITY OF DELHI SOUTH CAMPUS  
Priority Claim On

Title DEVELOPMENT OF CYTOPLASMIC MALE STERILE BRASSICA OLERACEA  
PLANTS AND THE METHOD OF PRODUCING SUCH PLANTS  
Filed in DELHI

Application No PCT/IN03/00177  
Date of Filing 06-May-03  
Applicant HETERO DRUGS LTD.  
Priority Claim On

Title NOVEL POLYMORPHS OF PANTOPRAZOLE SODIUM  
Filed in CHENNAI

Application No PCT/IN03/00178  
Date of Filing 07-May-03  
Applicant SULOCHANADEVI SINGHANIA SCHOOL  
Priority Claim On 90/MUM/2003 IN

Title A PROCESS TO APPLY THE EFFECTIVENESS OF COCONUT FLOWER  
Filed in MUMBAI

Application No PCT/IN03/00179  
Date of Filing 08-May-03  
Applicant NATCO PHARMA LTD.  
Priority Claim On

Title AN IMPROVED AND STABLE PHARMACEUTICAL COMPOSITION  
CONTAINING SUBSTITUTED BENZIMIDAZOLES AND A PROCESS FOR ITS  
PREPARATION  
Filed in CHENNAI



Application No PCT/IN03/00180

Date of Filing 08-May-03

Applicant HETERO DRUGS LTD.

Priority Claim On

Title NOVEL CRYSTALLINE FORMS OF SUMATRIPTAN SUCCINATE

Filed in CHENNAI

Application No PCT/IN03/00181

Date of Filing 12-May-03

Applicant OBJECT INTERACTIVE TECHNOLOGIES LTD.

Priority Claim On 10/144, 242 US

Title SYSTEM AND METHOD OF CONTROLLING SOFTWARE COMPONENTS

Filed in MUMBAI

Application No PCT/IN03/00182

Date of Filing 12-May-03

Applicant OBJECT INTERACTIVE TECHNOLOGIES LTD.

Priority Claim On 10/144, 435 US

Title SYSTEM AND METHOD FOR ACTIVATING AND PAUSING A COMPONENT

Filed in MUMBAI

Application No PCT/IN03/00183

Date of Filing 12-May-03

Applicant POTLURI, RAMESH BABU

Priority Claim On

Title A NOVEL PROCESS FOR PREPARATION OF INDOLE DERIVATIVES

Filed in CHENNAI

Application No PCT/IN03/00184

Date of Filing 13-May-03

Applicant BRAKES INDIA LTD.

Priority Claim On 418/MAS/ 2002 IN

Title TELESCOPIC CALIPER ASSEMBLY FOR AUTOMOTIVE BRAKING SYSTEM

Filed in CHENNAI

Application No PCT/IN03/00185  
Date of Filing 13-May-03  
Applicant SUN PHARMACEUTICAL INDUSTRIES LTD.  
Priority Claim On 440/MUM/2002 IN

Title COATED SUSTAINED RELEASE TABLETS OF A HYDROSCOPIC  
COMPOUND FOR ONCE-A-DAY THERAPY  
Filed in MUMBAI

Application No PCT/IN03/00186  
Date of Filing 13-May-03  
Applicant SUN PHARMACEUTICAL INDUSTRIES  
LTD.  
Priority Claim On 437/MUM/2002 IN

Title ORAL OSMOTIC CONTROLLED DRUG DELIVERY SYSTEM  
Filed in MUMBAI

Application No PCT/IN03/00187  
Date of Filing 13-May-03  
Applicant SHETTY, MAHESH, GOPLAKRISHNA;  
Priority Claim On

Title ECO FRIENDLY METHOD OF DECREASING FUEL CONSUMPTION OR  
INCREASING FUEL EFFICIENCY OF AN I.C. ENGINE  
Filed in MUMBAI

Application No PCT/IN03/00188  
Date of Filing 13-May-03  
Applicant VASA, SANJIV  
Priority Claim On 450/MUM/2002 IN

Title METHOD AND DEVICE FOR FOLLICULAR HAIR TRANSPLANTATION  
Filed in MUMBAI

Application No PCT/IN03/00189  
Date of Filing 14-May-03  
Applicant RAUT, RAJEEV;  
Priority Claim On 60/380, 926 US

Title A PROCESS FOR PREPARING PHARMACEUTICAL COMPOSITIONS  
CONTAINING 4-AMINOQUINOLINES COMPOUND FOR TREATMENT OF  
INFLAMMATORY DISORDERS OF THE EYE, COMPOSITIONS RESULTING  
THEREFROM AND METHOD OF TREATING SUCH DISORDERS WITH  
THESE COMPOSITIONS  
Filed in MUMBAI

**Application No** PCT/IN03/00190  
**Date of Filing** 14-May-03  
**Applicant** CLINIGENE INTERNATIONAL PRIVATE LTD.  
**Priority Claim On**

**Title** DISEASE PREDICTIONS  
**Filed in** CHENNAI

**Application No** PCT/IN03/00191  
**Date of Filing** 19-May-03  
**Applicant** HETERO DRUGS LTD.  
**Priority Claim On**

**Title** PURIFICATION METHODS OF GATIFLOXACIN AND A NOVEL FORM OF  
GARIFLOXACIN  
**Filed in** CHENNAI

**Application No** PCT/IN03/00192  
**Date of Filing** 19-May-03  
**Applicant** INDFRAG LIMITED  
**Priority Claim On**

**Title** A NOVEL COMPOSITION OF COMPLEX MATAL SALT OF GARCINIA ACID,  
A PROCESS FOR PREPARING THE SAME AND USE THEREOF  
**Filed in** CHENNAI

**INTERNATIONAL APPLICATION FOR PATENT FILED UNDER  
PATENT COOPERATION TREATY (PCT) AT PATENT OFFICE, KOLKATA:**

**Application No** PCT/IN03/00272

**Date of Filing** 14-Aug-03

**Applicant** MITRA, ARINDAM;

**Priority Claim On**

**Title** COMMUNICATION NETWORK OF KEY EXTRACTION AND AUTHENTICATION.

**Filed in** CALCUTTA

**Application No** PCT/IN03/00297

**Date of Filing** 05-Sep-03

**Applicant** STEX TECHNOLOGIES PRIVATE LTD.;

**Priority Claim On**

**Title** INDEXED DATA STORAGE SYSTEM, METHOD AND DATA STRUCTURE.

**Filed in** CALCUTTA

**Application No** PCT/IN03/00322

**Date of Filing** 25-Sep-03

**Applicant** INDIAN INSTITUTE OF TECHNOLOGY;

**Priority Claim On** 561/CAL/2002

**Title** A METHOD FOR MODULARIZATION OF SHIP HULL.

**Filed in** CALCUTTA

**Application No** PCT/IN03/00324

**Date of Filing** 26-Sep-03

**Applicant** MUKHOPADHYAY, ASHUTOSH;

**Priority Claim On** 572/CAL/2002 IN

**Title** A PROCESS FOR THE RECOVERY OF USEFUL MATERIALS FROM MULTI-LAYER LAMINATED PACKAGING REFUSE.

**Filed in** CALCUTTA

Application No PCT/IN03/00352

Date of Filing 04-Nov-03

Applicant GUHA, DWIPENDRA, NATH;

Priority Claim On 621/CAL/02 IN

Title THREE-DIMENSIONAL MAZE GAME

Filed in CALCUTTA

Application No PCT/IN03/00373

Date of Filing 28-Nov-03

Applicant AUTOLIV IFB INDIA PVT LTD.;

Priority Claim On 669/CAL/02 IN

Title OCCUPANT RESTRAINT SYSTEM WITH SEAT BELT HAVING A NOVEL  
SASH GUIDE AND ANCHOR PLATE.

Filed in CALCUTTA

Application No PCT/IN03/00395

Date of Filing 18-Dec-03

Applicant GUPTA, TARUN;

Priority Claim On

Title STRUCTURAL MEANS FOR ASSISTING FLOW OF TRAFFIC AT THE  
INTERSECTION OF THREE OF FOUR OR MORE ROADS."

Filed in CALCUTTA

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 956/MUM/2002 A (22) Date of filing of Application: 01/11/2002

(54) Title of the invention: NEW GAS LIFT VALVE WITH MODIFIED SEAT

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>M/S INSTITUTE OF OIL &amp; NATURAL GAS PRODUCTION TECHNOLOGY.</b></p> <p>Address of the applicant:</p> <p><b>OIL &amp; NATURAL GAS CORPORATION LTD. IOGPT BLDG., PANYEL, NAVI MUMBAI-410 221, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1) SUJITH KUMAR RAMAKRISHNAN NAIR 2) KENOTH SASIDHARAN ADIYODI 3) RAJIV SINGH 4) SISIR KUMAR DE</b></p>

(57) Abstract : An improved bellows operated gas lift valve for artificial lift in oil wells comprising of a body describing the outer diameter of the valve, a dome provided in the said body for charging the Nitrogen pressure, forming loading element of the said valve, a bellows provided below the dome for opening and closing of the said valve by expending and contracting, forming responsive element of the valve, a stem tip connected with the said bellows forming transmission element of the valve seat having a port provided below the said tip forming metering element of the valve controlling the quantity of injection gas, characterized in that the said valve seat port being provided with a convergent divergent profile to allow a constant gas injection rate through the gas lift valve for better flow efficiency of the oil in oil wells.

Figure : NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 958/MUM/2002 A (22) Date of filing of Application : 01/11/2002

(54) Title of the invention : A PROCESS OF PREPARATION OF NEMATODE-TRAPPING FUNGUS CHLAMYDOSPORES

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>NATIONAL DAIRY DEVELOPMENT BOARD</p> <p>Address of the Applicant:</p> <p>NATIONAL DAIRY DEVELOPMENT, ANAND-388 001, GUJRAT,INDIA.</p> <p>(72) Name of the Inventors:</p> <p>1) PRABIR KUMAR SANYAL.</p>

(57) Abstract : Pure cultures of the previously isolated naturally occurring *Duddingtonia flagrans* were maintained on 2% Corn meal Agar plates containing 0.02% tetracycline(w/v) added after autoclaving the media to suppress bacterial growth. The fungus was then grown on barely grains to produce chlamydospores. A piece of the solid medium containing pure fungal growth was put it to a flask containing autoclaved barley grains and incubated at 25°C for 4 weeks, the flask being shaken twice weekly for 2 weeks to get uniform growth. The chlamydospores were then harvested in water by vigorous washing and sieving and the number ml-1 of water was counted using a Neubauer haemocytometer. The suspension of chlamydospores was then spread on glass plates coated with 2% w/v dimethyldichlorosilane (Repel Silane) and kept at 28°C for 12-16 hours in a laminar airflow for air drying, the dried chlamydospores being harvested by scraping the glass plates. All the chlamydospores counted in water were dried in this way. The dried chlamydospores were packed in moisture free poly packs at the optimal dose required for the necessary antiparasitic efficacy.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 959/MUM/2002 A (22) Date of filing of Application : 01/11/2002

(54) Title of the invention: DISPENSING DEVICE FOR WASHING LAUNDRY IN A WASHING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 9704782.3</p> <p>(32) Date : 07/03/1997</p> <p>(33) Name of convention country : GREAT BRITIAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on: N.A.</p> <p>(63) Divisional to Application No.: 111/BOM/1998</p> <p>(64) Filed on: 04/03/1998.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LTD.</p> <p>Address of the Applicant:</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020 MAHARASHTRA, INDIA.</p> <p>(72) Name of the Inventors:</p> <ol style="list-style-type: none"> <li>1) DAWSON GEORGE THOMAS</li> <li>2) KELWEL FRANCOIS</li> <li>3) GORDON JAMES WILLIAM</li> <li>4) JONG ALBERT CORNELIS THEODORUS DE</li> <li>5) KERR COLIN WATT</li> <li>6) LEMPERS EDWIN LEOMARIO</li> <li>7) TARDY LOIC MARIE OLIVIER</li> </ol>
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(57) Abstract : A process for washing laundry in a washing machine employs a receptacle for dispensing detergent tablets. The receptacle comprises a loosely fitting net bag having apertures with an average mesh size of between 1 and 10mm. One or more tablets are placed in the dispensing receptacle before being placed into a washing machine along with laundry to be washed and washing operation is carried. After the washing operation, the device is removed from the machine and stored for subsequent use.

Moreover, the invention relates to dispensing device out this process and a use of the device in laundry washing.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 961/MUM/2002 A (22) Date of filing of Application : 05/11/2002

(54) Title of the invention: **SUBSTITUTED ACYLAMINOPHENYLURACILS**

(51) International classification:

(30) Priority Data :

(31)

Document No.: 10157063.5

(32) Date : 21/11/2001

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BAYER CROPSCIENCE  
AKTIENGESELLSCHAFT**

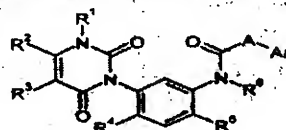
Address of the Applicant:

**GERMAN CO. OF  
ALFERD-NOBEL-STR. 50,40789  
MONHEIM,  
GERMANY.**

(72) Name of the Inventors:

- 1) ROLAND ANDREE
- 2) MARK WILHELM DREWES
- 3) PETER DAHME
- 4) DIETER FEUCHT
- 5) ROLF PONTZEN
- 6) PETER LOSEL

(57) Abstract : The invention relates to new substituted acylaminophenyluracils of the general formula(I)



(I)

in which

A represents optionally substituted, straight-chain or branched alkenediyl,

Ar represents in each case optionally substituted, monocyclic or bicyclic aryl or heterocyclyl,

Where A and Ar can also be combined in bicyclic groups,

R1 represents hydrogen, amino or optionally substituted alkyl,

R2 represents carboxyl, cyano, carbamoyl, thiocarbamoyl or represents in each case optionally substituted alkyl or alkoxycarbonyl,

R3 represents hydrogen, halogen or optionally substituted alkyl,

R4 represents hydrogen, cyano, carbamoyl, thiocarbamoyl or halogen,

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 965/MUM/2002 A (22) Date of filing of Application : 05/11/2002

(54) Title of the invention: AUDIO VISUAL X-RAY ELECTRONIC EYE TIMER TOOTH BRUSH

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>TEMKAR KIRAN RAMAKANT</b></p> <p>Address of the Applicant:</p> <p><b>32, VINOD VILLA, WORLI HILL ROAD, WORLI, MUMBAI-400 018, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>TEMKAR KIRAN RAMAKANT</b></p>
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(57) Abstract : This invention relates to tooth brush with embedded electronic timer with audio visual indications. According to this invention when the user starts brush in the timer starts down counting and when time finishes the LED will blink or buzzer will create the music so the user can understand that the tooth brushing time is over. The timer uses button cells for powering it. Time can be set between 1/2 minutes to 20 minutes according to users wish or necessity. An electronic toothbrush comprising of an ASIC (Application Specific Integrated Circuit) which is programmed for the predetermined periods, 3V battery to provide the electric power to the circuit, one or more than one to give visual indication. One buzzer to give the audio indication, ASIC with pre-stored audio data, one push to on button or switch for sensing the user, tooth brush in which whole assembly is fixed.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 966/MUM/2002 A (22) Date of filing of Application : 05/11/2002

(54) Title of the invention : A LIQUID PHASE EPITAXY PROCESS FOR MANUFACTURING SEPARATELY CONFINED STRAINED HETEROSTRUCTURE DEVICES.

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>TATA INSTITUTE OF FUNDAMENTAL RESEARCH.</b></p> <p>Address of the Applicant:</p> <p><b>HOMI BHABA ROAD, COLABA, MUMBAI - 400 039, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p>1) CHANDVANKAR SURESH SHANTARAM</p> <p>2) SHAH AMIT PUSHKARRAI</p> <p>3) BHATTACHARYA ARNAB</p> <p>4) ARORA BRIJ MOHAN</p>

(57) Abstract : Separately confined heterostructures (SCH) with or without employing strain in the active layer have been synthesized using low temperature liquid phase3 epitaxy. The strain is introduced by incorporating phosphorus or antimony n the active ayer consisting of Al, Ga and As . The laser diodes fabricated using SCH structures with no strain emit at about 850 nm. Incorporation of phosphorus in the active layer shifts the wavelength to 800 nm whereas antimony incorporation shifts it to 900 nm. This method is important since such diode lasers are required in optoelectronic systems in large quantities. It is useful in optical communication systems; CD players and CD drives of personal computers. The process of the present invention is useful in producing the devices on large scale in industrial set up.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 968/MUM/2002 A (22) Date of filing of Application : 07/11/2002

(54) Title of the invention : **VACUUM SUCTION PUMP**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) KIM, IN-SEOK</p> <p>2) KIM, HAN-JUN</p> <p>Address of the Applicant:</p> <p>1)1909,SEOCHO DONGAH TOWER, 1321-10,SEOCHO-DONG,SEOCHO-KU, SEOUL 137-857, KOREA</p> <p>(72) Name of the Inventors:</p> <p>1) KIM, IN-SEOK</p> <p>2) KIM, HAN-JUN</p>
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(57) **Abstract** : Disclosed is a vacuum suction pump for compressively pumping water or a liquid of high viscosity. The vacuum suction pump comprises: an inner casing which is provided with an intake port and an discharge port and assembled to a motor; an outer casing assembled to the inner casing; and an impeller which is provided with at least one cutting edge and received within a space defined by the inner and outer casing. The inner casing is formed with an intake hole, a discharge hole and a guide groove. The outer casing is formed with a U-shaped guide groove, which corresponds to the U-shaped guide groove of the inner casing. The vacuum suction pump can finely crush various foreign materials included in a liquid by means of the cutting edges when pumping the liquid. Furthermore, the pump is constructed so that it can be easily assembled or disassembled at the time of repair and maintenance.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 970/MUM/2002 A (22) Date of filing of Application : 07/11/2002

(54) Title of the invention: **BRIDGED PERINONES/QUINOPHTHALONES**

(51) International classification:

(30) Priority Data :

(31) Document No.: 101 58137.8

(32) Date : 27/11/2001

(33) Name of convention country :GERMANY

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BAYER AKTIENGESELLSCHAFT**

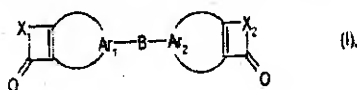
Address of the Applicant:

**GERMAN COMPANY  
Of D-51368 LEVERKUSEN,  
GERMANY.**

(72) Name of the Inventors:

- 1) **CHRISTOPH THEEBES**
- 2) **JOSEF-WALTER STAWITZ**
- 3) **ULRICH FELDHUES**

(57) Abstract : Compounds of the general formula(I) or tautomeric forms thereof



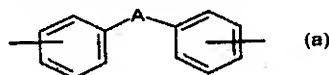
where

Ar1 and Ar2 are independently radicals needed to complete optionally substituted carbocyclic aromatics,

B is a radical of the formula -T1-W-T2-, where

T1 and T2 are independently O or S and

W is alkylene, especially C1-C6\_alkylene, C6-C10\_arylene, especially phenylene or cycloalkylene, which are each optionally substituted or is the radical of the formula (a)

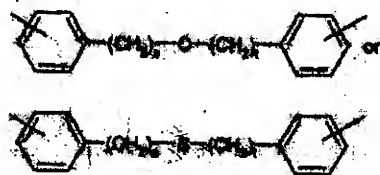


Where the phenyl rings are optionally substituted

And

A is a radical of the formula O,S,SO,SO2 or CO,optionally substituted alkylene, or optionally substituted cycloalkylene, said alkylene or cycloalkylene being attached to the adjacent phenyl rings itself or else via its substituents, or

W is a radical of the formulae



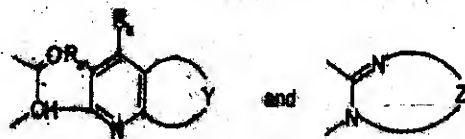
Where

S and t are independently from 1 to 6,

The ends of the divalent radical B each being attached to an aromatic carbon atom of the two radicals Ar1 and Ar2,

And

X1 and X2 are independently a radical of the formulae selected from the group consisting of



These each being located in the ring in such a way that the



Is adjacent to the C-C double bond,

where

Y is the radical of an optionally substituted benzene or naphthalene ring,

Z is optionally substituted ortho-phenylene, ortho-naphthylene, peri-(1,8)-naphthylene or arylene composed of more than two fused-together benzene rings, the aryl radicals which have more than two fused-together benzene rings being bridged ortho or in a manner corresponding to a peri position in naphthalene,

Ra is H or OH, and

Rb is H or halogen, especially F, Br or Cl.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 971/MUM/2002 A (22) Date of filing of Application: 08/11/2002

(54) Title of the invention: METAL-POLYURETHANE LAMINATES

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 10158491.1	Address of the Applicant:
(32) Date : 28/11/2001	GERMANY,
(33) Name of convention country : GERMANY	Of D-51368 LEVERKUSEN,
(66) Filed U/a. 5(2) : NO.	GERMANY.
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1) WERNER RABHOFER.
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention relates to laminates comprising metal and compact or cellular polyurethane resins, to processes for the production of these laminates, and to the production of molded articles comprising these laminates.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 972/MUM/2002 A (22) Date of filing of Application : 11/11/2002

(54) Title of the invention: AUDIO VISUAL X-RAY ELECTRONIC EYE TIMER TOOTH BRUSH

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>VIJAY RAMCHANDRA TULSHIBAGWALE</b></p> <p>Address of the Applicant:</p> <p><b>39/38, ERANDAVAN, PRABHAT ROAD LANE # 9 B, PUNE : 411 004, MAHARASHTRA ,INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) VIJAY RAMCHANDRA TULSHIBAGWALE</b></p>
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(57) Abstract : The novel remote controlled bolting system, entirely works only on the remote control and there no need to use he actual traditional key or a numbered key or an electronically operated key to lock or unlock the entrance or door of the premises. Under this the signal on the front of the entrance or door picks up the appropriate signal sent by the remote control to lock or to unlock the entrance or door and send the same to the control box.. The control box based on the above signal send the necessary commands to the lock accordingly. By the movement of the levers in the lock moves in either of the directions and locks or unlocks the entrance or door from inside. The essence of this system is that, all element of the bolting system under this are except for the sensor are all on the inside wall of the entrance/door. Considering this the whole of the system of operated only from the inside of the premises and there is no chances whatsoever of tampering with locks and making an official entry in to the premises.

Figure : NIL.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 974/MUM/2002 - A (22) Date of filing of Application: 11/11/2002

(54) Title of the invention: **CONSTANT OIL LEVELLER**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>FLOW PROCESS EQUIPMENTS PRIVATE LTD.</b></p> <p>Address of the Applicant: <b>FLOW HOUSE, Y-4,VINO CHEM IND. ESTATE, OPP.SYNDICATE BANK, GODDEO ROAD, BHAYANDER(E), THANE: 401 105, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1)KANAIYALAL JEKISHONDAS CHITANIA</b></p>
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(57) Abstract : The conventional constant oil levellers are plagued with several operational and servicing drawbacks-namely limited suitability to any given machine, limited accessibility on shop floor, space constraints during its installation and maintenance, poor resistance to acidic and highly damp environments, poor resistance to acidic and highly damp environments, poor visibility of oil levels. Dangerously low supply of oil to machine during air locks causing expensive wear and tear of machines, cumbersome oil filling procedures and zero serviceability. These drawbacks render utility of present day oil levellers to under 6 months. These drawbacks are fully eliminated in the invention entitled "CONSTANT OIL LEVELLER(ADJUSTABLE)". It incorporates a central capillary tube that serves dual function of screen providing contrast for oil level reading and a device for disengaging air bubbles and facilitating their passage upward through the centrally placed inner tube of the capillary in to the space above the oil level. The economic gains of the "CONSTANT OIL LEVELLER(ADUSTABLE)" more than outweigh its incremental higher cost.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 975/MUM/2002 A (22) Date of filing of Application : 12/11/2002

(54) Title of the invention: A NOVEL MULTI DOSE INHALER

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CIPLA LTD.</b></p> <p>Address of the Applicant:</p> <p><b>289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI : 400 008, MAHARASHTRA INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) AMAR LULLA 2) GEENA MALHOTRA 3) SUNITA SULE</b></p>
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(57) Abstract : The present invention relates to an improved multi-dose inhaler comprising a first chamber accommodating a sealed medicament cartridge comprising a plurality of cavities there within and a second chamber rotatable relative to the first chamber through a ratchet mechanism. The second chamber comprises a mouth piece having a guiding hole for a hollow spike member. In one embodiment the hollow spike member is energized by a spring member for piercing the seal of medicament cartridge wherein an inclined cut portion at the piercing end of the spike-member and the sloping portions in-between the adjacent cavities enable smooth switching over of the spike member from one cavity to other. In an alternative embodiment the spike member has flat head end which is adapted to be lifted by user to a pre determined height in first position and pressed down with predetermined force for piercing the seal of the cartridge wherein the rotation of the second chamber relative to the chamber is enabled in-between the first and second positions of the spike member.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 979/MUM/2002 A (22) Date of filing of Application : 15/11/2002

(54) Title of the invention: A SINGLE LAYER DIAGNOSTIC STRIP

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SUN PHARMACEUTICAL INDUSTRIES LTD.</p> <p>Address of the Applicant:</p> <p>ACME PLAZA, ANDHERI-KURLA ROAD ANDHERI (E), MUMBAI : 400 059, MAHARASHTRA, INDIA.</p> <p>(72) Name of the Inventors:</p> <p>1) SHARMA RACHANA 2) CHANTYL NANAPTAN RAMCHAND 3) KATEWA ARNA</p>

(57) Abstract : The present invention provides single layer diagnostic strip comprising

A) across-linked conditioned-membrane comprising

- I) a membrane
- II) a conditioning agent having at least one functional group capable of reacting with a cross linking agent, said conditioning agent imbibed on the membrane and thereafter treated with the cross linking agent.

B) a dry reagent system imbibed on the lower side of the cross-linked conditioned membrane.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 980/MUM/2002 A (22) Date of filing of Application : 13/11/2002

(54) Title of the invention: **A PROCESS FOR THE PREPARATION OF A SINGLE LAYER DIAGNOSTIC STRIP**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SUN PHARMACEUTICAL INDUSTRIES LTD.</b></p> <p>Address of the Applicant:</p> <p><b>ACME PLAZA, ANDHERI-KURLA ROAD ANDHERI (E), MUMBAI : 400 059, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SHARMA RACHANA 2) CHANIYIL NANAAPPAN RAMCHAND 3) KATEWA ARNA</b></p>

(57) Abstract : The present invention provides a process for a preparation of a single layer diagnostic strip comprising steps of

- A) Imbibing onto membrane a conditioning agent, said conditioning agent having at least one functional group capable of reacting with a cross-linking agent to obtain a conditioned membrane
- B) Treating the conditioned membrane with a cross-linking agent to obtain a cross-linked conditioned membrane.
- C) Imbibing a dry chemistry reagent system of the lower side of the cross-linked conditioned membrane

Figure: NIL

Publication After 18 months. 18ths

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 987/MUM/2002 A (22) Date of filing of Application : 15/11/2002

(54) Title of the invention: 3-BIPHENYL-SUBSTITUTED, 3-SUBSTITUTED 4-KEPOLACTAMS AND-LACTONES

(51) International classification:

(30) Priority Data :

(31) Document No.: 10158560.8

(32) Date : 29/11/2001

(33) Name of convention country :GERMANY

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BAYER CROPSCIENCE  
AKTIENGESellschaft**

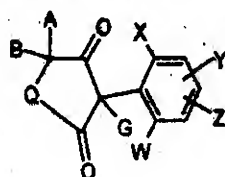
Address of the Applicant:

**ALFERD-NOBEL-STR. 50,40789  
MONHEIM,  
GERMANY.**

(72) Name of the Inventors:

- 1) REINER FISCHER
- 2) ASTRID ULLMANN
- 3) THOMAS BRETSCHNEIDER
- 4) MARK WILHELM DREWES
- 5) CHRISTOPH ERDELEN
- 6) DIETER FEUCHT
- 7) UDO RECKMANN
- 8) KARL-HEINZ KUCK
- 9) ULRIKE WACHENDORFF-NEWMANN

(57) Abstract : The present invention relates to novel 3-biphenyl-substituted,3-substituted 4-keto-lactams and lactones of the formula(I)



(I)

In which

A,B,Q,G,W,X,Y and Z are as defined above,

To processes for their preparation and to their use as pesticides and or microbicides and or herbicides.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 988/MUM/2002 A (22) Date of filing of Application: 18/11/2002

(54) Title of the invention: IGCITION CONTROLLER FOR INTERNAL COMBUSTION ENGINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 372462</p> <p>(32) Date : 06/12/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) HONDA GIKEN KOGYO KABUSHIKI KAISHA 2) KEIHIN CORPORATION</p> <p>Address of the Applicant:</p> <p>1) 1-1, MINAMI AOKYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN 2) 26-2, NISHISHINJUKU 1-CHOME, SHINJUKU-KU, TOKYO, JAPAN.</p> <p>(72) Name of the Inventors :</p> <p>1) NORIO SAITOU 2) SHOH MASUDA 3) MINORU UEDA 4) HISASHI WATANABE 5) AKIRA HNAKADAIRA 6) YOSHIKUNI SHISHIDO</p>
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(57) Abstract : An ignition controller for an internal combustion engine provided with a slide-valve type carburetor(1) includes a throttle-position sensor (20) for determining the throttle position of a sliding throttle valve(6) and a control means (51) that controls ignition timing on the basis of the throttle position of the sliding throttle valve(6) according to a predetermined ignition timing characteristic having a predetermined first characteristic (A) and a predetermined second characteristic(B). The throttle-position sensor (20) is provided with a microswitch (40) and generates a specific signal when throttle position is on one side of predetermined single boundary throttle position (N1) in a throttle-position range between a full-open throttle position and a full-closed throttle position. The controller means (51) controls ignition depending on whether or not the specific signal is given. The throttle-position sensor of the ignition controller is simple ignition controller ensures the specific performance of the internal combustion engine at low cost.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

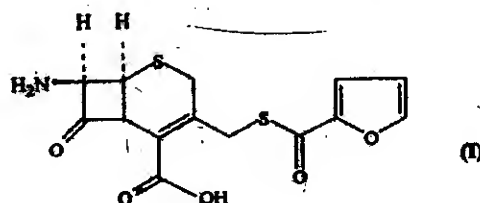
(21) Application No.: 991/MUM/2002 A (22) Date of filing of Application : 15/11/2002

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF CEFTIOFUR INTERMEDIATE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filled U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>LUPIN LTD.</p> <p>Address of the Applicant:</p> <p>159, CST ROAD, KALINA, SANTACRUZ(E), MUMBAI : 400 096. MUMBAI, INDIA.</p> <p>(72) Name of the Inventors:</p> <p>1) TYAGI, OM DUTT 2) PAWAR, RAJESH KUMAR RAMCHANDRA 3) RICHHARIYA, SANTOSH KUMAR 4) MURKUTE, SUNIL RAMARAO 5) PANDEY, SAURAV KUMAR</p>
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(57) Abstract : AN IMPROVED PROCESS FOR PREPARATION OF CEFTIOFUR INTERMEDIATE.

An improved method for manufacture of 7-amino-3-(2-furanylcarbonylthiomethyl)-3-cephem-4-carboxylic acid of formula(I), a key intermediate for the third generation cephalosporin antibiotic, ceftiofur.



The method propose a selective bronsted acid, the molar proportion of the acid employed, the medium of reaction and the temperature of reaction in providing 7-amino-3(2-furanylcarbonylthiomethyl)-3-cephem-4-carboxylic acid(I) in high yield and purity.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **993/MUM/2002 A** (22) Date of filing of Application: **13/11/2002**

(54) Title of the invention: **PROCESS FOR PRODUCING RECOMBINANT HUMAN SERUM ALBUMIN IN PICHIA PASTORIS BY A NOVEL GENE AND ITS PHARMACEUTICAL USES**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CADILA HEALTHCARE LTD.</b></p> <p>Address of the Applicant:</p> <p><b>ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD : 380 015 GUJARAT, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1) <b>GITA SHARMA</b></li> <li>2) <b>ABHIJIT MEHTA</b></li> <li>3) <b>SARVAGNA K SHAH</b></li> <li>4) <b>HEMAL PANDIT</b></li> <li>5) <b>MUKESH DESAI</b></li> <li>6) <b>PANKAJ R PATEL</b></li> </ol>
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(57) Abstract : This invention relates to a process for expression of recombinant Human serum albumin polypeptide in yeast cells and its method of purification and formulation.

Figure : NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 995/MUM/2002 A (22) Date of filing of Application : 15/11/2002

(54) Title of the invention: WONDER COMPACT COMPASS

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BHAIRU DYANU PATIL</b></p> <p>Address of the Applicant:</p> <p><b>PLOT NO.4, AMBAI NAGAR, SAGAR MAL, KOLHAPUR : 416 008, MAHARASHTRA ,INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) BHAIRU DYANU PATIL</b></p>
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(57) Abstract : The students are the future of the nation. Many times it's happen tha the geometrical instruments which needed for diagram are not within reach of all students. This leads to many problems to the students not having the compass. The traditional compass contains different geometrical instrument. At the time of drawing figures and diagrams are likely to be incomplete. Helping nature of student gives the instrument but he may not et it backand also waste of time. 40%to 60% students fail to draw diagrams because they lak proper instrument.

The wonder compact is a new trendy compact geometrical instrument. It contains scale, protector, set square, compass, as well as parallel lines could be drawn with ease and chipper so every student can afford it as compared with other compass available in market.

The instrument has nothing to do with losing or missing any essential part of compass as it's all in one compass. At the time of drawing diagram can be drawn comfortably. It has an accuracy and useful for engineers too. The compass contains the slider too. As the wonder compact compass is all in one, naturally at low price.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **996/MUM/2002 A** (22) Date of filing of Application : **15/11/2002**

(54) Title of the invention : **TOOL FOR THE PRECISION MACHINING OF SURFACES**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>101 59 431.3</b></p> <p>(32) Date : <b>04/12/2001</b></p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO.</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>MAPAL FABRIK FUR PRAZISIONSWERKZEUGE DR.KRESS KG</b></p> <p>Address of the Applicant:</p> <p><b>OBERE BAHNSTRASSE 15,73431 AALEN, GERMANY, GERMAN.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) DR. DIETER KRESS 2) FRIEDRICH HABERLE</b></p>
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(57) Abstract : A tool for the precision machining of surfaces in work pieces is proposed, comprising at least two cutter inserts having at least one defined cutting edge. It is distinguished by the fact that the cutter inserts have different materials at least in the region of the at least one cutting edge.

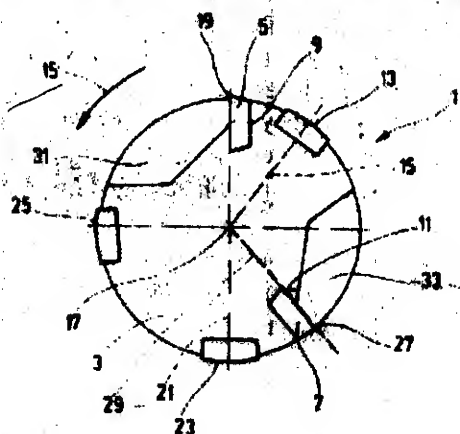


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 999/MUM/2002 A (22) Date of filing of Application : 18/11/2002

(54) Title of the invention : **SYSTEM FOR RECYCLING DISTILLERY EFFLUENT TO ZERO% POLLUTION**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>GOEL PRAYAS</b></p> <p>Address of the Applicant:</p> <p><b>ROCHEM SEPARATION SYSTEM PVT.LTD.</b>  <b>LAVLESH COURT, GROUND FLOOR,</b>  <b>PANDIT VARDE ROAD,</b>  <b>BANDRA (W),</b>  <b>MUMBAI : 400 050</b>  <b>MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) GOEL PRAYAS</b></p>
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(57) Abstract : Process for reducing total volume of distillery effluent for recycling and converting it into suitable for "ZERO" %pollution status, during its circulation through a plumbing network with minimum energy costs, comprises a combination of a reservoir having an inlet and an outlet, wherein said inlet being coupled to effluent discharge outlet and said reservoir outlet being coupled to second or last of series connected filter membrane module, means for adjusting said effluent pH to around 6.5 by addition of acid such as hydrochloric acid or alkali; a stirrer, a centrifugal pump and accessories thereof, a combination of sand filter and a filter cartridge for respectively sieving and rejecting any suspended particles of 10 micron size; a pressure injector for injecting anti-scalant compound in to said filtrate by a reciprocal pump maintaining pressure during its circulation preset through said network coupled to outlast two series connected filter membrane modules characterized in that said distillery effluent during its circulation through said plumbing network converts tit into colourless permeate water and reject streams suitable for converting it into suitable for "ZERO" pollution status.

Figure: NIL.

**Publication After 18 months**

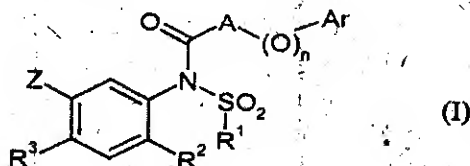
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1001/MUM/2002 A (22) Date of filing of Application : 18/11/2002

(54) Title of the invention: **HERBICIDES BASED ON SUBSTITUTED CARBOXANILIDES**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10159639.6</p> <p>(32) Date : 05/12/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : YES.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER CROPSCIENCE AG</b></p> <p>Address of the Applicant:</p> <p><b>ALFERD-NOBEL-STR. 50,40789 MONHEIM, GERMANY.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) DIETER FEUCHT 2) PETER DAHMEN 3) MARK WILHELM DREWES 4) ROLF PONTZEN 5) ROLAND ANDREE 6) KARL-HEINZ LINKER</b></p>
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(57) Abstract : The invention relates to novel herbicidal active compound combinations comprising known substituted carboxanilides of the formula(I)



In which n, A, Ar, R1, R2, R3 and Z are as defined in the description on the one hand, and one or more known herbicidally active compounds on the other and /or, if appropriate, a compound that improves compatibility with crop plants, and to their use for controlling weeds in various crops of useful plants and for controlling monocotyledonous and dicotyledonous weeds in the semi-and nonselective field.

**Figure: FIG (I)**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1002/MUM/2002 A (22) Date of filing of Application : 18/11/2002

(54) Title of the invention: A TOOL FOR MACHINING PIPE ENDS

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 101 63 473.0-14</p> <p>(32) Date : 17/12/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>MAPAL FABRIK FUR PRAZISIONSWERKZEUGE</p> <p>Address of the Applicant:</p> <p>OF OBERE BAHNSTRASSE , 13,73431 AALEN, GERMANY, GERMAN</p> <p>(72) Name of the Inventors:</p> <p>1) DIETER KRESS</p>
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(57) Abstract : A tool (1) for the material -removing machining of pipe ends (7) is proposed, which tool has at least one blade plate(3,4) which has at lease one cutter (75,77,79) and distinguished in that the at least one blade plate (3,4) has a first cutter (75) for machining and /or producing an end surface (9) of the pipe end (7), a second cutter (77)for producing and/or machining an internal chamfer(11) adjoining the end surface (9), and a third cutter(79) for producing and/or machining a further external chamfer(13) adjoining the end surface.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1003/MUM/2002 A (22) Date of filing of Application: 18/11/2002

(54) Title of the invention: TUBE FOR CHEESE DYEING

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2002 28237</p> <p>(32) Date : 19/09/2001</p> <p>(33) Name of convention country : KOREA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(51) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CHEIL INDUSTRIES INC.,</b></p> <p>Address of the Applicant:</p> <p><b>290, GONGDAN2DONG, KUMI-SHILKYEONGBUK KOREA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) JONG -HYUN KIM 2) JUNG -YEOL PARK</b></p>
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(57) Abstract : A tube for cheese dyeing is disclosed. The tube for cheese dyeing includes an upper part a, a middle part b and a lower part c, the upper part having an outside diameter of  $62.5 \pm 0.05$  mm, the lower part having an outside diameter of  $72.0 \pm 0.05$  mm, the upper part having a length of about 35.0 mm, the middle part having a length of about 105.0mm, and the lower part having a length of 30.0 mm. The tube further includes a plurality of outer poles 20 installed in a number of 8-48, (lateral bars 12 and 13 being omitted). Further, these are formed a plurality of elliptical holes each with a major axis of 10.0 mm and with a minor axis of 5.9mm arranged in a longitudinal direction in both the upper and lower parts. Further, there are formed the dye fluid injecting holes 11 with a diameter of 5.9 mm formed at certain regular intervals in the middle part has a protuberance part d formed on each of the outer poles 20, and the protuberance part extends in a length of 17.0mm starting from the point of 73.0 mm from the top of the tube.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1004/MUM/2002 A (22) Date of filing of Application: 18/11/2002

(54) Title of the invention: THE MOBILE MOBILE

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	TOLANI PUSHPA ARJANDAS
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	67,SUKHMANI BLDG.,
(33) Name of convention country : NIL	BOMANJI PETIT ROAD,
(66) Filed U/s. 5(2): NO.	MUMBAI : 400 036,
(61) Patent of addition to application No.: NIL	MAHARASHTRA,INDIA.
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) TOLANI PUSHPA ARJANDAS
(64) Filed on: N.A.	

(57) Abstract : Direct Car Power Supply to Cell -Phone has not been attempted before.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1005/MUM/2002 A (22) Date of filing of Application : 18/11/2002

(54) Title of the invention: **BALLON FANCY KEY CHAIN**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>RAMJI GHELA PATEL</b></p> <p>Address of the Applicant:</p> <p><b>249/251 ABDUL REHMAN STREET SUPER SHOOPING COMPLEX SHOP NO. 102 , MUMBAI : 400 003, MAHARASHTRA,INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) RAMJI GHELA PATEL.</b></p>
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(57) Abstract : The ring is to attached with chain and the chain is again attached by hook with transparent body cover of Direction Indicator, The transparent body cover is filled with liquid and Direction Indicator is put in it. The Direction indicator made of magnate sticked with the container, which is filled with heavy materials, and cap is sticked upon magnate. The Directions are printed on the cap. The Direction indicator is then put in transparent body cover as state above. Thus Ballon Fancy Key chain is become ready.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1006/MUM/2002 A (22) Date of filing of Application : 20/11/2002

(54) Title of the invention: MASS TRANSIT SYSTEM CALLED ROADTRAIN

(51) International classification:

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

RAMNATHAN BALASUBRAMANIAM

Address of the Applicant:

3/403 A, SHANKAR NIKETAN,  
DIAMOND GARDEN,  
MUMBAI : 400 071,  
MAHARASHTRA, INDIA.

(72)

Name of the Inventors:

1) RAMANATHAN  
BALASUBRAMANIAM

(57) Abstract : The invention relates to High Capacity Public road transport system consists of special design Double decker cars that from aw train on existing road, designed to run on quick layed RCC dovetail bedway, the Horizontal Roller wheel and the inclined guide rollers of said cars rolling on horizontal, inclined surfaces of said bedways, the cars receiving electrical power from a stationery electrical contract that touches and slides on conductive surface on top of the said cars, while the said contract being mounted on top of poles along side the bedway, providing power supply to a running train of cars. Also, to Electrical contact is energized to supply power to cars only when it is n contact with said conductive surface of the cars and gets switched off power supply by and electronic control circuit.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1007/MUM/2002 A (22) Date of filing of Application : 20/11/2002

(54) Title of the invention : SYNTHETIC DETERGENT COMPOSITION

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>GALAXY SURFACTANTS LTD.</b></p> <p>Address of the Applicant:</p> <p><b>W-44(C), TARAPUR M.I.D.C., BOISAR :401 506, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p>1) PATIL SUDHIR 2) PANDIT KASHINATH 3) MEHER BIPIN 4) KHOJA RAHIM</p>
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(57) Abstract : The invention relates to non soap detergent composition generally used for skin/body care application. Conventionally these preparation are made using binders such as paraffin wax, fatty acid salts of sodium, potassium(soaps), fatty acids like stearic acids. The alternative binders provided by invention are ester compounds and unlike the conventional binders does not depress the foaming of formulation. This also allows the formulator to provide or use lower surface active agent in the formulation, making it less costlier. The usage of fatty acid soap in such formulation is also not required. Thus the binders of invention allows one to make truly soap less formulation. With in skin pH range of 5.5 to 6.5. Thus enhancing usage to skin friendlier surfactant more cost effectively & efficiently.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1010/MUM/2002 A (22) Date of filing of Application : 20/11/2002

(54) Title of the invention: DRY POWDER INHALER

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : YES.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SUM PHARMACEUTICAL INDUSTRIES LTD.</p> <p>Address of the Applicant:</p> <p>ACME PLAZA, ANDHERI-KURLA ROAD ANDHERI (E),, MUMBAI : 400 059, MAHARASHTRA,INDIA.</p> <p>(72)</p> <p>Name of the Inventors:</p> <p>1) GOKHALE SATISH</p>
<p>Filing 31-Mar-03</p> <p>Applicant COUNCIL OF SC</p>	

(57) <sup>Priority Claim On</sup> Abstract: The present invention provides a dry powder inhaler for administering medicaments in solid finely divided form to patients, wherein the dry powder inhaler is in the form of a diskhaler comprising a disk shaped rotatable support and an annular blister pack containing at least 30 blister medicament units.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1011/MUM/2002 A (22) Date of filing of Application : 21/11/2002

(54) Title of the invention: **HYDRAULIC OPERATED TRACTOR IMPLEMENT LIFT SYSTEM**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MAHINDRA &amp; MAHINDRA LTD.</b></p> <p>Address of the Applicant:</p> <p><b>GATEWAY BUILDING, APOLLO BUNDER, MUMBAI : 400 001, MAHARASHTRA,INDIA.</b></p> <p>(72)</p> <p>Name of the Inventors:</p> <p><b>1) VINOD KOTHARKAR 2) ASHOK KADARMANDALAGI</b></p>
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(57) Abstract : An improved hydraulically operated implement lift system for farm machinery such as tractor with selectable flow control means for controlling implement lowering speed and mechanically operated implement lowering valve with reliable sealing arrangement & suction means to improve machinery serviceability.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1012/MUM/2002 A (22) Date of filing of Application : 21/11/2002

(54) Title of the invention : TRACTOR IMPLEMENT LIFT SYSTEM

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MAHINDRA &amp; MAHINDRA LTD.</b></p> <p>Address of the Applicant:</p> <p><b>GATEWAY BUILDING, APOLLO BUNDER, MUMBAI : 400 001, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) VINOD KOTHARKAR 2) ASHOK KADARMANDALAGI 3) NILOY KHUTIA</b></p>

(57) Abstract : An improved hydraulically operated implement lift system for tractor or alike with cable operated spool actuating means for lifting and lowering the implements, detachable torsion bar directly mounted on lift housing for draft force sensing with ease of servicing and performance, optimized section of rocker arm with reduced cost.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1013/MUM/2002 A (22) Date of filing of Application : 21/11/2002

(54) Title of the invention : DICE CRICKET GAME

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	ASHWINI YASHPAL AGGARWAL
(31) Document No.: NIL.	Address of the Applicant:
(32) Date : N.A.	ASHOKA SPORTS,
(33) Name of convention country : NIL.	KALPITA ENCLAVE ,
(66) Filed U/s. 5(2) : NO.	SAHARA ROAD,
(61) Patent of addition to application No.: NIL	ANDHERI(E)
(62) Filed on : N.A.	MUMBAI : 400 069.
(63) Divisional to Application No.: NIL	MAHARASHTRA, INDIA
(64) Filed on: N.A.	(72) Name of the Inventors:
	1).ASHWINI YASHPAL
	AGGARWAL

(57) Abstract : This invention is related to playing dice cricket game indoor or outdoor using Two set of hexagonal dices with engraved data as shown in sheet No1 and subsequently recording in scorebook.

Figure: NIL.

**Publication After 18 months**

The following Patent applications have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1014/MUM/2002 A (22) Date of filing of Application : 21/11/2002

(54) Title of the invention : MANUFACTURING APPARATUS FOR HIGH-FREQUENCY CABLE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 2001-365716 2) 2001-365717 3) 2001-365718 4) 2001-393781</p> <p>(32) Date : 30/11/2001, 26/12/2001.</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MITSUBISHI CABLE INDUSTRIES LTD.</b></p> <p>Address of the Applicant:</p> <p><b>8, NISHINOCHO, HIGASHIMUKAIJIMA, AMAGASAKI-SHI, HYOGO, JAPAN.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) TAKUMA TAKAI 2) TOMOHIRO YOKOYAMA 3) KANEHARU SUGA 4) ICHIRO KASABO</b></p>
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(57) Abstract : A manufacturing apparatus for high-frequency cable where in a corrugation machine for corrugating a tube and a drawing device, for drawing a corrugated tube sent out of the corrugation machine on a downstream side, are disposed. And, a pitch-measuring device to measure corrugation pitch of the corrugated tube between the corrugation machine and the drawing device, and, a control means to control the corrugation pitch to be constant by detecting variations of the corrugation pitch measured by the pitch-measuring device and regulating working speed of the corrugation machine and drawing speed of the drawing device, are provided.

Figure: NIL.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1018/MUM/2002 A (22) Date of filing of Application : 22/11/2002

(54) Title of the invention : **PRINTING PRESS**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 360416</p> <p>(32) Date : 27/11/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>KOMORI CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>11-1, AZUMABASHI 3-CHOME, SUMIDAKU, TOKYO, JAPAN.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SYUJI FUKUSHIMA 2) AKEHIRO KUSAKA</b></p>
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(57) Abstract : To provide a printing press which can reliably stop the oscillating motion of an ink oscillating roller at the time of ink conditioning in rainbow printing, and can automatically start the oscillating motion of the ink oscillating roller at the start of printing, there by decreasing the number of defective sheets and improving the ease of operation.

(Means to solve the Problems ) A printing press comprises an oscillating roller capable of rotating circumferentially and capable of moving axially in a reciprocating manner and oscillating mechanism for reciprocating the oscillating roller axially, and oscillating roller stop means for stopping the axially moving motion of the oscillating roller. The printing press does rainbow printing on a sheet 1, supplied from a feeder 10, in a printing unit 20. The printing press includes control means for exercising control such that the oscillating roller moves axially when printing is started in a stat in which the axially moving motion of the oscillating roller is at a standstill.

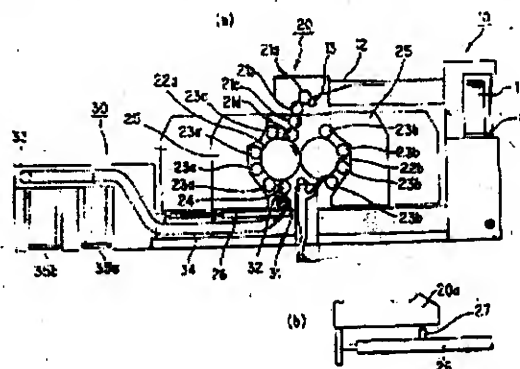


Figure: 1



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1021/MUM/2002 A (22) Date of filing of Application : 22/11/2002

(54) Title of the invention : A MACHINE FOR HARVESTING SUGAR CANE

<p>(31) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL.</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>PRATAP RANE</p> <p>Address of the Applicant:</p> <p>23,YASHWANTNAGAR,GANESH KHIND ROAD, RANE CIRCLE, PUNE : 411 007, MAHARASHTRA, INDIA.</p> <p>(72) Name of the Inventors:</p> <p>1) PRATAP RANE</p>
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(57) Abstract : A chopper cane harvester for harvesting cane from a cane field including fallen cane stalks is disclosed. The harvester includes a harvester frame, a plurality of rotating drivers for supporting the harvester frame while moving the harvester through the cane field having a plurality of spaced apart furrows, and a drive engine for powering the rotating drivers. Also is provided a front guide mechanism for lifting, fallen and tilted cane stalks upwardly, a chopper assembly for enabling cane billets, a feeding conveyor for transferring cane billets to main conveyor; a main conveyor for conveying cane billets from the receiving end to a rear cleaning end via a base cutter; a de-topping mechanism and a de-trashing mechanism within the main conveyor and skewed loader bottom sheet, and at the extraction end for cleaning leaves off the billets; and a discharge conveyor for discharging cleaned cane from the harvester to a alongside moving trolley/truck etc.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1022/MUM/2002 A (22) Date of filing of Application : 25/11/2002

(54) Title of the invention: **A LOADING DEVICE TO HELP LOADING SAFELY INTRA UTERINE DEVICE (COPPER 'T')UTERUS ASEPTICALLY (WITHOUT HUMAN TOUCH)**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.:NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PREGNA INTERNATIONAL LTD.</b></p> <p>Address of the Applicant:</p> <p><b>CHAKANTALEGAON ROAD,</b> <b>CHAKAN,</b> <b>PUNE : 410 501</b> <b>MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SUDHAKAR SHANKARRAO</b> <b>BABHULKAR</b></p>
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(57) Abstract : The present invention relates to a loading device to load an Intra Uterine Device into the uterus aseptically, i.e. without any human touch. It is thus a device to load and Intra Uterine Device, which is to be used as a contraceptive. This avoids possible bacterial infection that may be caused due to human touch while insertion. The present invention is a device comprising of a two part component assemble with a specially designed profile that facilities the loading of the Intra uterine device.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1023/MUM/2002 A (22) Date of filing of Application : 25/11/2002

(54) Title of the invention: METHOD AND APPARATUS FOR OPTIMIZING SYSTEM OPERATIONAL PARAMETERS THROUGH NORMAL USE OF DUALITY THEOREM

(51) International classification:

(30) Priority Data :

(31) Document No.: NIL

(32) Date: NIL

(33) Name of convention country: NIL

(66) Filed U/s. 5(2): NO

(61) Patent of addition to application No.: NIL

(62) Filed on: N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

DHANANJAY PRABHAKAR  
MEHENDALE

Address of the Applicant:

82/1B, SWAMI SAMARTH  
APARTMENT, ARANYESHWAR  
SAHAKAR NAGAR, PUNE - 411 009.

Name of the Inventors:

(72) 1) DHANANJAY PRABHAKAR  
MEHENDALE

(57) Abstract : Method and apparatus for optimizing system operational parameters through novel use of duality theorem, wherein simultaneously solving a system of equations comprising equation utilizing optimality criterion implied by duality theorem expressed by  $c^T x - b^T w = 0$ , equation utilizing constraints imposed in the primal problem, equation utilizing constraints imposed by the corresponding dual problem, subject to non-negativity constraints on variables. Solving these equations simultaneously subject to said non-negativity constraints gives the optimal solution of primal problem and its dual problem simultaneously. Assigning optimal solution values of primal problem, one can obtain the desired optimal state of a system. Post-optimality analysis can also be carried out by using the simultaneously generated optimal solution of said dual problem.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1024/MUM/2002 A (22) Date of filing of Application : 25/11/2002

(54) Title of the invention : EXTENDIBLE LOWER LINK

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	MAHINDRA & MAHINDRA
(31) Document No.: NIL.	Address of the Applicant:
(32) Date : N.A.	GATEWAY BUILDING,
(33) Name of convention country : NIL.	APOLLO BUNDER,
(66) Filed U/s. 5(2) : NO.	MUMBAI : 400 001,
(61) Patent of addition to application No.: NIL	MAHARASHTRA, INDIA.
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) LOVEKUSH SINGH
(64) Filed on: N.A.	

(57) Abstract : A system in agricultural equipment such as a tractor for adjustments in the lower link length so as to optimally attach diverse implements with ease of attachment, improved stability and enhanced field performance.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1026/MUM/2002 A (22) Date of filing of Application : 25/11/2002

(54) Title of the invention: A SWITCHING CURRENT LIMITING REACTOR FOR THREE-PHASE BALANCED AC POWER SYSTEM

(51) International classification:

(30) Priority Data :

(31) Document No.: NIL.

(32) Date : N.A.

(33) Name of convention country :NIL.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL.

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**CROMPTON GREAVES LTD.**

Address of the Applicant:

**CG HOUSE, BR ANNIE BESANT ROAD  
PRABHADEVI,  
MUMBAI : 400 025  
MAHARASHTRA, INDIA**

(72) Name of the Inventors:

**1) RAGHAVAN VENKATESH**

(57) Abstract : A switching current limiting reactor (1A) for three-phase balanced ac power systems comprising neutral grounded star connected capacitor banks (Cr, Cy and Cb). The reactor comprising three inductor coils (Lr, Ly and Lb) of equal number of turns wound unidirectionally in torroidal configuration and magnetically-coupled. One ends of the inductor coils are connected in series with the three phases (Vr, Vy and Vb) of an ac voltage source through circuit breakers (Br, By and Bb) and the other ends of the inductor coils are connected in series with the neutral grounded star connected capacitor banks.

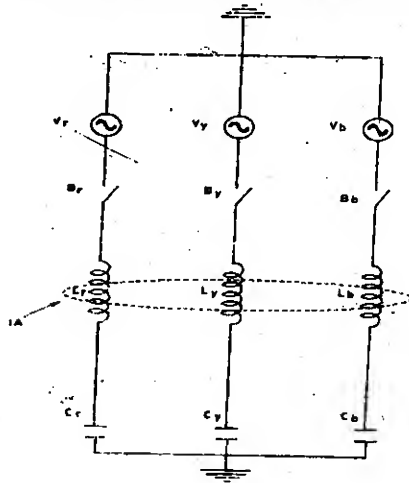


Figure: 3.

**Publication After 18 months**

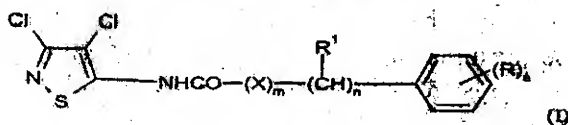
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1028/MUM/2002 A (22) Date of filing of Application : 25/11/2002

(54) Title of the invention : SUBSTITUTED ISOTHAZOLYLAMINOCARBONYL DERIVATIVES

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1. JP2003-382939 2. JP2002-75930</p> <p>(32) Date : 1) 14/12/2001 2) 19/03/2002</p> <p>(33) Name of convention country: JAPAN.</p> <p>(66) Filed U/s. 5(2): YES.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER CROSCIENCE AG</b></p> <p>Address of the Applicant:</p> <p><b>ALFRED NOBEL-STR. 50, 40789 MONHEIM, GERMANY</b></p> <p>(72) Name of the Inventor:</p> <p>1) <b>YUJIROSHI WATANABE</b> 2) <b>DAREIYAMAZAKI</b> 3) <b>YUICHI OTSU</b> 4) <b>KATSUNOBU SHIBUYA</b></p>
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(57) Abstract : Compound of the general formula (I)



Wherein

R represents halogen, alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkylsulfinyl, haloalkylsulfinyl, alkylsulfonyl, haloalkylsulfonyl, phenyl, phenoxy, yano, nitro or alkoxycarbonyl,

X represents NH, O or S,

R1 represents hydrogen or alkyl,

a represents an integer of 0-5,

m represents 0 or 1, and

n represents 0 or 1.

Figure: I

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1029/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 570.</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>IMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND,</p> <p>(72) Name of the Inventors:</p> <p>1) F. ALAN FENTON</p>
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(57) Abstract : A takeout grips a formed bottle at a blow station of an I.S. machine and releases the bottle onto a conveyor and returns to grip the second bottle formed in the blow station following the bottle removed by the takeout.

Figure: NIL.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1030/MUM/2002 A / (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005,397.</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>IMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND,</p> <p>(72) Name of the Inventors:</p> <p>I) F. ALAN FENTON</p>
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(57) Abstract : A deadplate mechanism has a cooling can in which a formed bottle held by a takeout is located. The outer surface of the bottle is cooled while the deadplate is displaced to a bottle release position.

Figure: NIL.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1031/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005,418</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country :U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) F.ALANFENTON.</p>
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(57) Abstract : An I.S. machine has a takeout arm which grips a bottle at the blow station and carries it longitudinally to a first deadplate position and then transversely to a second deadplate position. Along the transverse path is a cullet chute. A deadplate mechanism also is displaceable from a remote position to the first deadplate position and then to the second deadplate position. The deadplate is displaced away from the cullet chute so that the takeout arm can be positioned above the cullet chute to drop rejected, formed bottles.

Figure: NIL

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1032MUM/2002 A (22) Date of filing of Application : 24/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 398</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) F. ALAN FENTON</p>
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(57) Abstract : A formed bottle is delivered by a takeout mechanism to a deadplate where it is suspended for cooling. A temperature sensor is mounted to monitor the suspended bottle. When the sensed temperature shows an unacceptable variation, the takeout mechanism and deadplate are displaced relative to one another so that the suspended bottles are located above a cullet chute for disposal.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1033/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	EMHART GLASS S.A.
(31) Document No.: 10/005, 704	Address of the Applicant:
(32) Date : 5/12/2001	HINTERBERGSTRASSE 22,
(33) Name of convention country :U.S.A	CH-6330 CHAM,
(66) Filed U/s. 5(2) : NO.	SWITZERLAND.
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) F. ALAN FENTON
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A deadplate assembly for an I.S. machine which is moveable from a remote location to a first location and then to a final location. The motion path is linear.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1034/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 422</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country :U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) F. ALAN FENTON 2) LEO DIEHM 3) WOLFGANG ANHEYER 4) STEVEN J. PINKERTON 5) JOHN P. MUNGOVAN</p>
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(57) Abstract : A blow head is displaced to the "on" position where its lower portion engages the top of a blow mold. Final blow begins and before final blow is completed, the blow head is raised a selected distance and final blow is exhausted between the O.D. of the formed finish and the upwardly defined annular recess in the lower portion of the blow head. The annular recess is concavely curved to direct exhaust air at the finish to cool the finish.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1035/MUM/2002 A (22) Date of filing of Application: 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 569</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country :U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) LEO DIEHM 2) F. ALAN FENTON 3) WOLFGANG ANHERYER 4) STEVEN J. PINKERTON 5) JOHN P. MUNGOVAN</p>

(57) Abstract : A blow mold assembly for I.S. machine for blowing a parison of glass and cooling the blown parison into a formed bottle which can be removed from the blow mold. A blow head is lowered onto a blow mold and final air is applied. A predetermined time after the blow head engages the top surface of the blow mold the blow head is lifted a selected vertical distance above the top surface of the blow mold to an exhaust position allowing cooling air to escape from the blow mold. The selected vertical distance is selected so that at least minimum pressure will continue within the formed bottle. The blow head is maintain at the exhaust position for a predetermined time and then retracted. The selected vertical distance and the predetermined time can be desired.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1036/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 393</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country :U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) STEVEN J. PINKERTON</p>

(57) Abstract : A takeout mechanism for an I.S. machine grips a formed bottle at the blow station and carries the bottle to a first position spaced above a deadplate. The bottle is held at this position for a period of time and then is lowered to a position proximate the deadplate whereupon it is released.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1037/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 565</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) JOHN P. MUNGOVAN 2) LEO DIEHM 3) WOLFGANG ANHEYER 4) STEVEN J. INKERTON 5) F. ALAN FENTON</p>
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(57) Abstract : A blow mold assembly for an I.S. machine for blowing a parison of glass and cooling the blown parison into a formed bottle having a finish portion at the top thereof, which can be removed from the blow mold comprising

a blow head arm,

at least one blow head supported by said blow head arm,

each of said blow heads including an inlet for supplying final blow air to the interior of the parison,

displacement means for first lowering said blow head arm from a retracted position to a first "on" position proximate the top surface of a blow mold and for displacing said blow head from said first "on" position to a second "on" position a selected vertical distance above the first "on" position of the blow mold to allow final blow air to escape from the blow mold between the blow head and the finish,

means for supplying final blow air to the blow head at a first pressure when said blow tube is at the first "on" position and at a second higher pressure when said blow tube is at the second "on" position

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002 .

(21) Application No.: 1038/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 392</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) WOLFGANG ANHYER 2) LEO DIEHM 3) F.ALAN FENTON 4) JOHN P.MUNGOVAN 5) STEVEN J.PINKERTON</p>
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(57) Abstract : A parison is blown in the blow mold of an I.S. machine and a control determines the time of the event by defining a local minimum in the pressure vs. time plot.

Figure: NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1039/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/006, 603</p> <p>(32) Date : 5/12/2001</p> <p>(33) Name of convention country : U.S.A</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330 CHAM, SWITZERLAND.</p> <p>(72) Name of the Inventors:</p> <p>1) F.ALAN FENTON 2) MATTHEW R. HYRE</p>
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(57) Abstract : A blow head mechanism for and I.S. machine wherein the blow head has a final blow tube. The final blow tube is supported for vertical displacement between an up position where the open end of the final blow tube is proximate the top of a blown parison and a down position where the open end of the final blow tube is proximate the bottom of a blown parison. The final blow tube is displaced at least once from the up position to the down position and back to the up position during the time when the blow head is "on" by a profiled actuator including a displacement profile which will displace the blow tube between the up position and a location where the upper neck portion meets the lower body portion at an average velocity higher than the average velocity at which the blow-tube will be displaced between the location where the upper neck portion meets the lower body portion to the bottom of the blown parison

Figure: NIL

15-367GI/2004

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **1040/MUM/2002** A A (22) Date of filing of Application: **26/11/2002**

(54) Title of the invention: **GLASS CONTAINER FORMING MACHINE**

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	<b>EMHART GLASS S.A.</b>
(31) Document No.: <b>10/005, 567</b>	Address of the Applicant:
(32) Date : <b>5/12/2001</b>	<b>HINTERBERGSTRASSE 22,</b>
(33) Name of convention country: <b>U.S.A</b>	<b>CH-6330 CHAM,</b>
(66) Filed U/s. 5(2) : <b>NO.</b>	<b>SWITZERLAND.</b>
(61) Patent of addition to application No.: <b>NIL</b>	(72) Name of the Inventors:
(62) Filed on : <b>N.A.</b>	1) <b>T. ALAN FENTON</b>
(63) Divisional to Application No.: <b>NIL</b>	2) <b>MATTHEW B. HYRE</b>
(64) Filed on: <b>N.A.</b>	

(57) Abstract : A blow head mechanism for and I.S. machine wherein the blow head has a final blow tube. The final blow tube is supported for vertical displacement between an up position where the open end of the final blow tube is proximate the top of a blown parison and a down position where the open end of the final blow tube is proximate the bottom of a blown parison. The final blow tube is oscillated a plurality of times when the blow head is "on".

Figure: NIL

Figure: NIL  
12-30102004

# Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1041/MUM/2002 (A) (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : GLASS CONTAINER FORMING MACHINE

(51) International classification:

(30) Priority Data :

(31) Document No.: 10/005, 682

(32) Date : 5/12/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on : N.A.

(71) Name of the Applicant:

EMHART GLASS S.A.

Address of the Applicant:

HINTERBERGSTRASSE 22,  
CH-6330 CHAM,  
SWITZERLAND

(72) Name of the Inventors:

1) F. ALAN FENTON  
2) MATTHEW R. HYRE

(57) Abstract : A parison is blown in the blow mold of an I.S. machine and as soon as the parison is blown, the blow head is raised to an exhaust location increasing the flow of cooling air to the interior of the blown parison. When the blown parison has been cooled sufficiently so that the blow mold can be opened, the formed bottle is removed.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1042/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : GLASS CONTAINER FORMING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10/005, 421.</p> <p>(32) Date : 5/12/2001.</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>EMHART GLASS S.A.</p> <p>Address of the Applicant:</p> <p>HINTERBERGSTRASSE 22, CH-6330, SWITZERLAND</p> <p>(72) Name of the Inventors:</p> <p>1) F. ALAN FENTON 2) MATTHEW R. HYRE</p>
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(57) Abstract : Formed bottles are simultaneously cooled within the blow molds of an I.S. machine on their inner and outer surfaces and inner surface cooling continues from the time the takeout grips a bottle through a displacement course to a deadplate location, then to a conveyor location and finally to a deposit location where the bottle is deposited. A deadplate mechanism encloses a bottle at new deadplate location and moves to the conveyor location with the takeout and cools the outer surface of the bottle until the bottle is displaced from the conveyor location to the deadplate location.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1043/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : GLASS CONTAINER FORMING MACHINE

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data :	EMHART GLASS S.A.
(31) Document No.: 10/005, 571.	Address of the Applicant:
(32) Date : 5/12/2001.	HINTERBERGSTRASSE 22,
(33) Name of convention country : U.S.A.	CH-6330,
(66) Filed U/s. 5(2) : NO.	SWITZERLAND
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) F. ALAN FENTON
(63) Divisional to Application No.: NIL	2) MATTHEW R. HYRE
(64) Filed on: N.A.	

(57) Abstract : The takeout has a cooling tube which oscillates within the bottle as the bottle is removed from the blow station of an I.S. machine and transferred to a deposit location.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **1044/MUM/2002** (A) (22) Date of filing of Application: **26/11/2002**

(54) Title of the invention: **GLASS CONTAINER FORMING MACHINE**

<p>(51) International classification: (1)</p> <p>(30) Priority Data: 22 22A 10 T 12 12 12 12</p> <p>(31) Document No.: <b>10/005,572</b></p> <p>(32) Date: <b>5/12/2001</b></p> <p>(33) Name of convention country: <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on: <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>EMHART GLASS S.A.</b></p> <p>Address of the Applicant:</p> <p><b>HINTERBERGSTRASSE 22, CH-6330, SWITZERLAND</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) F. ALAN FENTON 2) MATTHEW R. HYRE</b></p>
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(57) Abstract: The takeout for an I.S. machine includes a cooling tube which is displaceable between up and down positions. Displace is controlled to correspond to the desired heat removal along the path of displacement.

Figure: **NIL.**

Publication After 18 months

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1045/MUM/2002 (22) Date of filing of Application: 26/11/2002

(54) Title of the invention: GLASS CONTAINER FORMING MACHINE

(51) International classification:	(71) Name of the Applicant:
(30) Priority Data:	(30) Priority Data:
(31) Document No.: 10/005, 563.	(31) Document No.: 10/005, 563.
(32) Date: 5/12/2001	(32) Date: 5/12/2001
(33) Name of convention country: USA.	(33) Name of convention country: USA.
(66) Filed U/s. 5(2) : NO.	(66) Filed U/s. 5(2) : NO.
(61) Patent of addition to application No.: NIL	(61) Patent of addition to application No.: NIL
(62) Filed on:	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) F. ALAN FENTON
(64) Filed on:	2) MATTHEW R. HYRE

(57) Abstract: The takeout for an LS machine (a cooling tube which is displaceable between up and down positions. The open bottom of the cooling tube has an annular deflector which deflects some of the downwardly propelled cooling air radially outwardly from the cooling tube.

The front face of the front lower side with respect to the boundary provided by the front panel and the rear panel is a reduced inclination angle with respect to a vertical line to secure the amount of light in the position while the front face of the front cover with respect to the boundary provided by the front panel and the rear panel is a reduced inclination angle with respect to a vertical line to improve the aerodynamic characteristic and the appearance and reduce the amount of light in the front cover. Even when the meter vision is molded as one body with the handle part and the V-shaped groove bottom surface the meter vision whereby the feeling of existence can be obtained, and attractiveness is enhanced, product can be induced.

Figure: NIL.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1046/MUM/2002 A (22) Date of filing of Application : 26/11/2002

(54) Title of the invention : VEHICLE BODY FRONT PORTION STRUCTURE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 2001- 36921 2) 2001- 369273</p> <p>(32) Date : 3/12/2001.</p> <p>(33) Name of convention country : JAPAN.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b></p> <p>Address of the Applicant:</p> <p><b>1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN.</b></p> <p>(72) Name of the Inventors:</p> <p>1) SATOSHI KAWAWA 2) EIJI TORIYAMA 3) HIROSHI SHIRAKAWA 4) FERRARA DANIELE 5) TEOFILO PLAZA</p>
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(57) Abstract: In a vehicle body front portion structure wherein, in a front cover 14 for covering a front portion of a vehicle body, a headlamp 15 having a lens face 15a substantially continuous to a front face 14a of the front cover 14 is fitted, a bent point 15d across which the lens face 15a of the headlamp 15 is bent forwardly downwards from the front face 14a of the front cover 14 above the headlamp 15 is provided on the lens face 15a of the headlamp 15. In a vehicle-body front portion structure comprising a meter fitted to a handle bar 11 provided at a front portion of a vehicle body and a meter visor 72 covering a front portion of the meter, the meter visor 72 is molded as one body with a handle bar cover 12 for covering the handle bar 11, and the handle bar cover 12 is provided with a groove portion 12b for demarcating the meter visor 72 in a V shape in front view:

The lens face on the front lower side with respect to the boundary provided by the bent point can be arranged with a reduced inclination angle with respect to a vertical line to assure the amount of light of the headlamp while, on the front face side of the front cover with respect to the boundary provided by the bent point, the inclination angle with respect to a vertical line can be increased to improve the aerodynamic characteristic and the appearance and besides increase the space in the front cover. Even when the meter visor is molded as one body with the handle bar cover, the V-shaped groove portion emphasizes the meter visor, whereby the feeling of existence can be obtained, and attractiveness as commercial product can be induced.

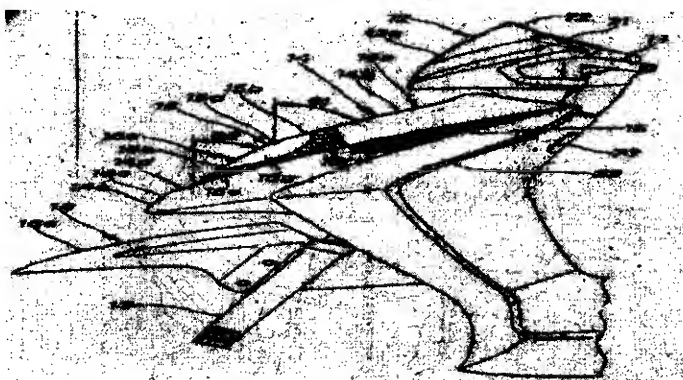


Figure: 3



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **10/77100/2002 A** (22) Date of Filing of Application: **26/11/2002**

(54) Title of the invention: **MOVABLE TRANSPARENT COMPOSITE SYSTEMS AND A PROCESS FOR PREPARING THE SAME**

<p>(51) International classification:</p> <p>(30) Priority Data:</p> <p>(31) Document No.: <b>10160571.4</b></p> <p>(32) Date: <b>10/12/2001.</b></p> <p>(33) Name of convention country: <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2): <b>NO.</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on: <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51369 LEVERKUSEN,</b> <b>GERMANY.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) HANSGEORG HOPPE</b> <b>2) JURGEN WINKLER</b> <b>3) BERND WILLENGERG</b> <b>4) HENRICUS PEERLINGS</b></p>
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(57) Abstract: The present invention is directed to transparent light-stable movable composite systems which are composed of

- I) at least two rigid parts made of transparent, thermoplastic materials which are joined together by
- II) at least one flexible connecting member made of transparent, light-stable thermoplastic polyurethane.

The present invention is also directed to a process for preparing the transparent, light stable movable composite systems of the present invention.

Composite systems of the present invention are particularly useful in the building and construction industry. Upon being folded, composite systems of the present invention are very compact and, hence, easily transportable. In addition, composite systems of the present invention can be easily and reversibly folded or unfolded.

Figure: **NIL.**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1049/MUM/2002 A (22) Date of filing of Application: 26/11/2002

(54) Title of the invention: A NOVEL METHOD OF TERMITE PROOFING BY USING A PIPING NETWORK WITH INBUILT SPECIAL DRIPPER

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country :NIL.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>KALPESH ARUNKUMAR JOSHI</b></p> <p>Address of the Applicant:</p> <p><b>302, GARDEN VIEW CHAMBERS, MALABHUMBA, BAYALPORE, VADODRA- 390 005 GUJARAT, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) KALPESH ARUNKUMAR JOSHI</b></p>
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(57) Abstract : A novel method of termite proofing by using a piping network with inbuilt special dripper is meant for elimination of termites from the building by permanent placement of network of pipeline under the floor. Piping network placed inside & outside periphery of the building is same but independent. One end of which is independently located at above the ground and a removable closure cap closing the end. Pump is adjoined at the other end of the piping network before pumping pesticide. Inbuilt pressure drippers are placed inside the dripper line at every 1ft. Liquid pesticide is injected through pump in the piping network, pressure creates at each dripper point & pesticide flows through the apertures and infuses into the ground adjacent the foundation. After the water is passed through piping network to flush the pipe and to ensure that full dosage is spread in the soil.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1001/MUM/2002 A (22) Date of filing of Application : 27/11/2002

(54) Title of the invention : A STRETCH BLOW MOULDING MACHINE

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 3(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL.</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SIDEL INDIA PVT. LTD.</b></p> <p>Address of the Applicant:</p> <p><b>113-116 ONANZA, "B" WING, SAHARA PLAZA COMPLEX, JLNAGAR, 4TH ROAD, ANDHERI(E), MUMBAI : 400 059, MAHARASHTRA, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SUBRA PANUBIDRI BANGERA 2) PERVER ERUCHSHAW JUSSAWALLA 3) N.SHIVAKUMAR</b></p>

(57) Abstract : A manual sprayer comprising a main chassis for supporting a sprayer pump thereon, an axle having wheels provided on either ends thereof being provided for supporting said chassis thereon a container being provided on to said chassis for containing the contents to be sprayed therein, an actuating mechanism being provided below said chassis such that to actuate said sprayer pump for facilitating the spraying action of the pump, spraying means are provided with a stand secured with said main chassis.

Figure: NIL.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1052/MUM/2002 A (22) Date of filing of Application: 27/11/2002

(54) Title of the invention : PNEUMATICALLY CONTROLLED OPERATIONS IN VEHICLES FOR PHYSICALLY HANDICAPPED.

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>AMIT SURENDRANATH IYER</b></p> <p>Address of the Applicant:</p> <p><b>SHRI VIDYA ENGLISH MEDIUM SCHOOL, P-202, VIDYA NAGAR, SARAVALI POST OFFICE, BOISAR, 401 501, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) AMIT SURENDRANATH IYER</b></p>
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(57) Abstract : We have come a long way ever since the invention of wheel, which paved way for the industrial revolution across the globe, ut almost all our invention hover around building better comfort for the privileged lot. Automobile engineering is a field which has seen a lot being done in the field of research and development, but the sentiments of the physically handicapped has always taken a back seat when it comes to designing vehicles to cater their basic requirements.

The present invention deals with designing a vehicle for a person without both his legs. Whether a driver is disabled or not, full control of the vehicle has to be maintained at all times and adaptations for disabled drivers must be designed to satisfy their fundamental requirement. Cars with automatic transmission make it so much easier to meet this objective and are so much simpler to drive but suffer from a basic disadvantage of transmission failures, high maintenance cost, and low fuel efficiency.

Pneumatics provides a far better economical and reliable option to conventional auto transmission clutches. A single hand can control the brake and clutch together or separately in close synchronization with floor gears by simple switches, which actuates the pneumatic cylinders. The rate of motion of these cylinders is determined by the rate of pressure applied by fingers on these switches. The accelerator can be controlled by simple mechanical drives and can be provided on the steering itself.

Figure: NIL.

Publication After 18 months.

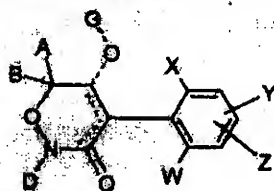
The following Patent application have been published under Section 11A, of the Patents (Amendment) Act, 2002

(21) Application No.: 1053/MUM/2002 A (22) Date of filing of Application: 28/11/2002

(54) Title of the invention: (1,2) -OXAZINE -3,5- DIONES

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1016007.0</p> <p>(32) Date : 06/12/2001.</p> <p>(33) Name of convention country : GARMANY</p> <p>(66) Filed U/s. 5(2) : YES.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER CROPSCIENCE AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>ALFRED-NOBEL -STR.50, 40789 MONHEIM, GERMANY.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) REINER FISCHER 2) THOMAS SCHENKE 3) CHRISTOPH ERDELEN</b></p>
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(57) Abstract : The present invention relates to novel(1,2) -oxazine-3, 5-dione derivatives of the formula(I)



(I)

In which

W, X, Y, Z, G, D, A and B are as defined above,

To a plurality of processes for their preparation and to their use as microbicides, pesticides and herbicides.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1055/MUM/2002 A (22) Date of filing of Application : 28/11/2002

(54) Title of the invention : SILDENAFIL CITRATE MOUTH DISPERSIBLE TABLETS

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CADILA HEALTH CARE LTD.</b></p> <p>Address of the Applicant:</p> <p><b>ZYDUS TOWER ,</b> <b>SATELITE CROSS ROADS,</b> <b>AHMEDABAD : 380 015,</b> <b>GUJRAT, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) GATTANI</b> <b>2) OMPRAKASH</b> <b>3) RAMKRISHNA</b></p>
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(57) Abstract : Novel method for preparation of drug 'Sildenafil Citrate' in a rapid dispersible tablet form is disclosed.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1056/TUM/2002 A (22) Date of filing of Application : 28/11/2002

(54) Title of the invention : NOVEL HAIR GROWTH RETARDANT/INHIBITOR

<p>(51) International classification:</p> <p>(30) Priority Date :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/a. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CADILA HEALTH CARE LTD</b></p> <p>Address of the Applicant:</p> <p><b>ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD GUJRAT, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p>1) MODI 2) KAILASH 3) ANILKUMAR(Mr.)</p>
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(57) Abstract : A hair growth retarding composition and a process for its preparation is disclosed. The composition comprises as active ingredients, a synergistic combination of Castor Oil, samudrafin (dry sea foam) and glycerin, in a cosmetic vehicle or a base, said Castor Oil, samudrafin and glycerin, being present in a weight ratio of 3.5:1.5:3 to 4.5:2.5:5, and the balance if any, consisting of one or more additives, humectants and/or excipients.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 1058/MUM/2002 A (22) Date of filing of Application : 29/11/2002

(54) Title of the invention : **METHOD OF PLAYING A BOARD GAME**

<p>(51) International classification:</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL.</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL.</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>KINARIVALA MEETUL K.</b></p> <p>Address of the Applicant:</p> <p><b>'SWATI', OPP KP HOSTEL, GULBAI TEKRA, AHMEDABAD : 380 006 GUJRAT, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>KINARIVALA MEETUL K.</b></p>
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(57) Abstract : The invention is a two-player board game played on a board having a matrix of squares. There are two distinguishable playing sets having several playing pieces distinguishable as M, B, K or c type and several distinguishable cards designated as L type or P type. At the beginning of a game, each player is assigned a playing set, and an arrangement of pieces and cards is formed on the game board.

Both players move in turn one of their pieces according to its assigned capability of movement. If a player moves his M or B playing piece on his L card then the moved piece 'turns' into his K playing piece. Each player plays with the objective to win by successfully leading his K piece to a square having his C piece or by capturing or blocking all opponent's pieces.

Figure: NIL.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01541/MUM A** (22) Date of filing of Application: **1/11/2002**  
(PCT/EP01/05243)

(54) Title of the invention: **MIXTURES OF AQUEOUS BINDERS**

(51) International classification: **C08K 3/36**  
(30) Priority Data :  
(31) Document No.: **100 25304.0**  
(32) Date : **22/05/2000**  
(33) Name of convention country : **GERMANY**  
(66) Filed U/s. 5(2) : **NO**  
(61) Patent of addition to application No.: **NIL**  
(62) Filed on : **N.A.**  
(63) Divisional to Application No.: **NIL**  
(64) Filed on: **N.A.**

(71) Name of the Applicant:  
**BAYER AKTIENGESELLSCHAFT**  
Address of the Applicant:  
**51368 LEVERKUSEN**  
(72) Name of the Inventors:  
1) **RISCHE THORSTEN**  
2) **SCHUTZE DETLEF-INGO**  
3) **MEIXNER JURGEN**  
4) **HASSEL TILLMANN**  
5) **KOMOREK ROLAND**  
6) **SCHMALSTIEG LUTZ**

(57) Abstract : The invention relates to aqueous, silica-sol modified PUR dispersions and the use thereof as coating agents, in particular for textiles and leather.

Figure: **NIL**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01542/MUM A (22) Date of filing of 1/11/2002  
No.: (PCT/EP01/05141) Application:

(54) Title of the invention: **WEATHER-RISISTANT POLYMER BLENDS**

<p>(51) International classification: <b>C08L 77/00</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 100 24 933.7 2) 100 24 935.3 3) 101 09 225.3</p> <p>(32) Date : 1) 19/05/2000 2) 19/05/2000 3) 26/02/2001</p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>51368 LEVERKUSEN</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>WARTH HOLGER</b> 2) <b>QUAAS GERWOLF</b> 3) <b>WITTMANN DIETER</b> 4) <b>ALBERTS HEINRICH</b></p>
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(57) Abstract : The invention relates to weather-resistant polymer blends comprising A) polyamide, B) at least one rubber-elastic graft polymer selected from the group comprising silicone-, EP(D)M -and acrylate-rubber as graft backbone, C) at least one compatibility mediator, comprising at least one thermoplastic polymer with polar groups and D) optionally, at least one vinyl (co) polymer.

Figure: **NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01543/MUM A No.: (PCT/EP01/05137)	(22) Date of Filing of Application: 1/11/2002
(54) Title of the invention: <b>IMPACT-RESISTANT MODIFIED POLYMER COMPOSITION</b>	
<p>(51) International classification: C08L 51/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 100 24 935.3 2) 100 24 933.7 3) 101 09 225.3</p> <p>(32) Date : 1) 19/05/2000 2) 19/05/2000 3) 26/02/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>51368 LEVERKUSEN</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>WARTH HOLGER</b> 2) <b>QUAAS GERWOLF</b> 3) <b>WITTMANN DIETER</b></p>

(57) **Abstract** : The invention relates to an impact-resistant modified polymer composition containing: (A) at least one polyamide; (B) at least one graft copolymer, whereby the graft base is based on a diene rubber. (C) at least one compatibility mediator; (D) at least one vinyl copolymer, and; (E) very fine mineral particles having anisotropic particle geometry. The invention also relates to shaped bodies produced from said impact-resistant modified polymer composition.

**Figure:** NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01544/MUM A (22) Date of filing of 1/11/2002  
No.: (PCT/AU01/00530) Application:

(54) Title of the invention: **BIOCIDAL CLOTH**

(51) International classification: A47L 13/17

(30) Priority Data:

(31) Document No.: PQ7479

(32) Date : 12/05/2000

(33) Name of convention country : AUSTRALIA

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**NOVAPHARM RESEARCH  
(AUSTRALIA) PTY LIMITED**

Address of the Applicant:

**3-11 PRIMROSE AVENUE, ROSEBERY,  
NSW 2018**

Name of the Inventors:

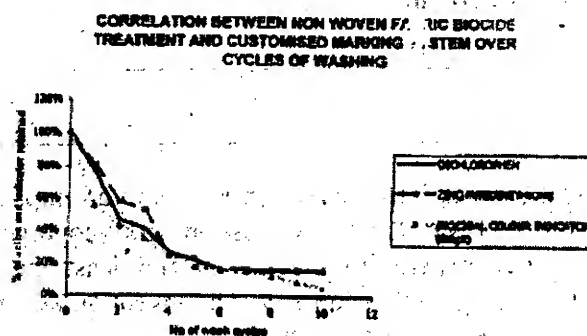
(72) **KRITZLER STEVEN**

**(57) Abstract :**

A cleaning article including an agent or reagent; for example a biocidal agent or reagent, which is slowly released therefrom in use of the article and a visual indicator selected to present a change in appearance indicative of the amount of agent or reagent remaining in, or released from, the article. In preferred embodiments, the cleaning article comprises a nonwoven fabric or sponge containing one or more biocides which are slowly released during use, and bearing a crosslinked ink which fades during use at a rate which indicates when the article is no longer reliably biocidal. The invention also relates to a

visual indicator for use on a cleaning article containing one or more biocides which are slowly released during use, said indicator consisting of an ink formulation which is crosslinked to a degree selected so that the ink will wear off or fade to a predetermined degree with the amount of usage that causes the biocide concentration to fall below an effective level. The amount of biocidal agent in or on a cleaning device when the agent is depleted or inactivated during use may be determined by comparing the appearance of the used cleaning device with the appearance of a corresponding unused cleaning device or a colour reference.

Figure: 1



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01545/MUM A (22) Date of filing of Application: 1/11/2002  
(PCT/EP01/06747)

(54) Title of the invention: **FARNESYL TRANSFERASE INHIBITING 1,2-ANNELATED QUINOLINE ENANTIOMER**

(51) International classification: C07D 487/04	(71) Name of the Applicant:
(30) Priority Data :	JANSSEN PHARMACEUTICA N.V.
(31) Document No.: 0020218.4	Address of the Applicant:
(32) Date : 22/06/2000	PATENT DEPARTMENT,
(33) Name of convention country : EPO	TURNHOUTSEWEG 30, B-2340
(66) Filed U/s. 5(2) : YES	BEERSE
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) VENET MARE GASTON
(63) Divisional to Application No.: NIL	2) ANGIBAUD PATRICK RENE
(64) Filed on: N.A.	3) END DAVID WILLIAM

(57) Abstract : The invention relates to (-)-5-(3-Chlorophenyl)- $\alpha$ -(4-chlorophenyl)- $\alpha$ -(1-methyl-1H-imidazol-5-yl) tetrazolo-[1,5-a] quinazoline-7 methanamine and its pharmaceutically acceptable acid addition salts, and the use of such compounds in medicine especially for the treatment of cancer.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01546/MUM A (22) Date of filing of 1/11/2002  
No.: (PCT/LA01/00581) Application:

(54) Title of the invention: 3-NITROGEN-6,7-DIOXYGEN STEROIDS AND USES RELATED THERETO

<p>(51) International classification: C07J 41/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/200,617</p> <p>(32) Date : 28/04/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed-U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>INFLAZYME PHARMACEUTICALS LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>SUITE 425, 5600 PARKWOOD WAY, RICHMOND, BRITISH COLUMBIA V6V 2M2</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) REMOND JEFFERY R. 2) KASSERRA CLUDIA E. 3) SHEN YAPING</b></p>
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(57) Abstract : A compound of formula (I) and pharmaceutical acceptable salts, solvates, stereoisomers and prodrugs thereof, in isolation or in mixture, wherein, independently at each occurrence: R<sup>1</sup> and R<sup>2</sup> are selected from hydrogen, oxygen so as to form nitro or oxime, amino, sulfate, and sulfonic acid, and organic groups having 1-30 carbons and optionally containing 1-6 heteroatoms selected from nitrogen, oxygen, phosphorous, silicon, and sulfur, where R<sup>1</sup> and R<sup>2</sup> may, together with the N to which they are both bonded, form a heterocyclic structure that may be part of an organic group having 1-30 carbons and optionally containing 1-6 heteroatoms selected from nitrogen, oxygen and silicon, and where R<sup>1</sup> may be a 2, or 3 atom chain to numeral 2 so that -N-R<sup>1</sup>-forms part of a fused bicyclic structure to ring A; R<sup>3</sup> and R<sup>4</sup> are selected from direct bonds to 6 and 7 respectively so as to form carbonyl groups, hydrogen, or a protecting group such that R<sup>3</sup> and/or R<sup>4</sup> is part of hydroxyl or carbonyl protecting group; numerals 1 through 17 each represent a carbon having substitution as described. The compounds may be formulated into pharmaceutical compositions, and used in the treatment and/or prevention of various conditions, including inflammation, asthma, an allergic disease, chronic obstructive-pulmonary disease, atopic dermatitis, solid tumors, AIDS, ischemia, and cardiac arrhythmias.

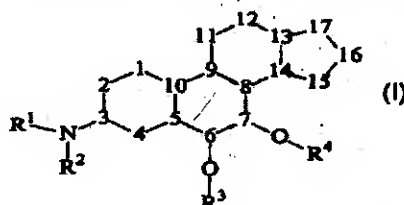


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002 (Amendment) Act, 2002

(21) Application IN/PCT/2002/01547/MUM A (22) Date of filing of 1/11/2002  
No.: (PCT/EP01/06749) Application:

(54) Title of the invention: COMPOUNDS FOR TREATING IMPAIRED FUNDIC RELAXATION

<p>(51) International classification: C07D 491/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00202180.6</p> <p>(32) Date : 22/06/2000</p> <p>(33) Name of convention country : EPO</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>JANSSEN PHARMACEUTICAL N.V.</p> <p>Address of the Applicant:</p> <p>JANSSEN PHARMACEUTICA N.V. PATENT DEPARTMENT, TURNHOUSTSWEG 30,B-2340 BEERSE</p> <p>(72) Name of the Inventors:</p> <p>1) VAN EMELÉN KRISTOF 2) DE BRUYN MARCEL FRANS LEOPOLD 3) ALCAZAR-VACA MANUEL JESUS 4) ANDRES-GIL JOSE IGNACIO 5) FERNANDEZ-GADEA FRANCISCO, JAVIER 6) MATESANZ-BALLESTEROS MARIA ENCARNACION 7) BARTOLOME-NEBREDÁ JOSE MANUEL</p>
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(57) Abstract : The present invention concerns compounds of formula (I) a stereochemically isomeric form thereof, an *N*-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein  $a^1=a^2$ ,  $a^3=a^4$  is a bivalent radical wherein one or two of  $a^1$  to  $a^4$  are nitrogen and the remaining  $a^1$  to  $a^4$  are  $-CH_2-$ ;  $Z^1$ ,  $Z^2$  is a bivalent radical;  $A$  is a bivalent radical of formula  $N(R^6)-Alk^2$  or a 5, 6 or 7-membered saturated heterocycle containing one or two nitrogen atoms;  $R^1$ ,  $R^2$  and  $R^3$  are each independently selected from hydrogen,  $C_1$ -alkyl, hydroxy, halo and the like;  $Alk^1$  and  $Alk^2$  are optionally substituted  $C_1$ -alkanediyl;  $R^5$  is a radical of formula (d-1), (d-2), (d-3), (d-4), (d-5) wherein  $n$  is 1 or 2;  $p^1$  is 0, and  $p^2$  is 1 or 2; or  $p^1$  is 1 or 2 and  $p^2$  is 0;  $X$  is oxygen, sulfur or  $-NR^9$ ;  $Y^2$  is oxygen or sulfur;  $R^7$  is hydrogen,  $C_1$ -alkyl,  $C_3$ -cycloalkyl, phenyl or phenylmethyl;  $R^8$  is  $C_1$ -alkyl,  $C_3$ -cycloalkyl phenyl or phenylmethyl;  $R^9$  is cyano,  $C_1$ -alkyl,  $C_3$ -cycloalkyl,  $C_1$ -alkyloxycarbonyl or aminocarbonyl;  $R^{10}$  is hydrogen or  $C_1$ -alkyl; and  $Q$  is a bivalent radical. Process for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to disturbed fundic accommodation.

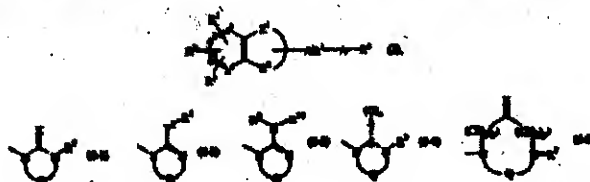


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01550/MUM A (22) Date of filing of 5/11/2002  
No.: (PCT/EP01/06717) Application:

(54) Title of the invention: **GROWTH HORMONE SECRETAGOGUES**

(51) International classification: C07D 209/20

(30) Priority Data :

(31) Document No.: 1) 60/211,326 2) 60/234,928

(32) Date : 1) 13/06/2000 2) 26/09/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**ZENTARIS AG**

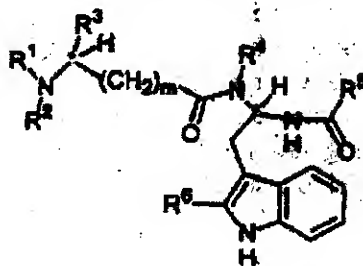
Address of the Applicant:

**WEISSMÜLLERSTRASSE 45, 60314  
FRANKFURT/MAIN**

(72) Name of the Inventors:

1) MARTINEZ JEAN  
2) FEHRENTZ JEAN-ALAIN  
3) GUERLAVAIS VINCENT

(57) Abstract : The invention relates to compounds of formula (I) which are useful for elevating the plasma level of growth hormone in a mammal as well as for the treatment of growth hormone secretion deficiency, growth retardation in child and metabolic disorders associated with growth hormone secretion deficiency.



(I)

Figure: NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: **IN/PCT/2002/01551/MUM A** (22) Date of Filing of Application: **5/11/2002**  
(PCT/IB01/01205)
- (54) Title of the invention: **CYCLOPENTYL-SUBSTITUTED GLUTARAMIDE DERIVATIVES AS INHIBITORS OF NEUTRAL ENDOPEPTIDASE**

(51) International classification: **C07C 237/22**

(30) Priority Data :

(31) Document No.: 1) 0016684.3 2) 0101584.1

(32) Date : 1)06/07/2000 2) 22/01/2001

(33) Name of convention country : **UNITED-KINGDOM**

(66) Filed U/s. 5(2) : **YES**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**PFIZER INC.**

Address of the Applicant:

**RAMSGATE ROAD, SANDWICH,  
KENT CT 13 9NJ**

(72) Name of the Inventors:

- 1) **BARBER CHRISTOPHER GORDON**
- 2) **COOK ANDREW SIMON**
- 3) **MAW GRAHAM NIGEL**
- 4) **PRYDE DAVID CAMERON**
- 5) **STOBIE ALAN**

(57) Abstract : The invention provides compounds of formula I wherein  $R^1$  is optionally substituted  $C_1$  alkyl, optionally substituted  $C_{3-7}$  cycloalkyl, optionally substituted aryl or optionally substituted heterocycl; n is 0, 1 or 2, and Y is  $-NR^{18}S(O)_n R^{19}$  or group shown below.

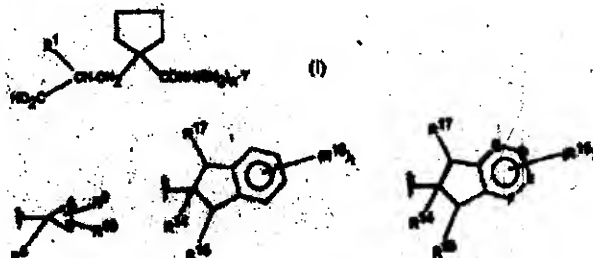


Figure: **NIL**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002 (Amendment) Act, 2002

(21) Application IN/PCT/2002/01552/MUM A (22) Date of filing of 5/11/2002  
No.: (PCT/US01/18914) Application:

(54) Title of the invention: COMFORTABLE CUT-ABRASION RESISTANT FIBER COMPOSITION

<p>(51) International classification: D02G 300</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/595,737</p> <p>(32) Date : 16/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>E.I. DU PONT DE NEMOURS AND COMPANY</b></p> <p>Address of the Applicant:</p> <p><b>1007 MARKET STREET, WILMINGTON, DE 19898</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) ZHU REIYAO 2) PRICKETT LARRY JOHN 3) BARON MICHAEL R.</b></p>
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(57) Abstract : The present invention relates to a comfortable, cut resistant and abrasion resistant, composition composed of cotton, nylon, and p-aramid fibers and used primarily in the sheath for sheath/core yarns in protective apparel.

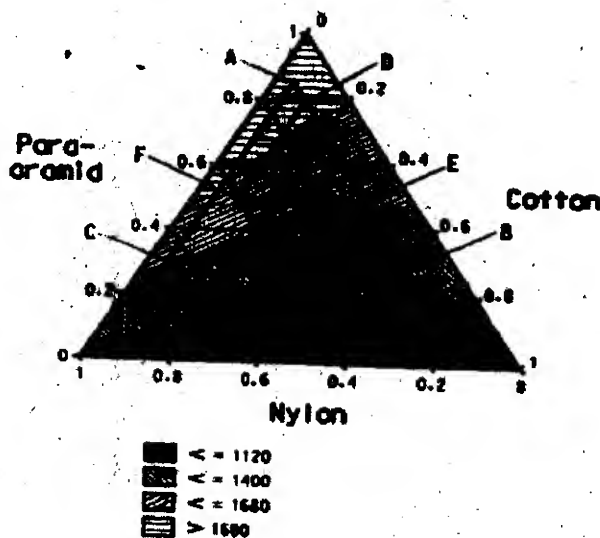


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: <b>IN/PCT/2002/01553/MUM A</b> (PCT/US01/14369)	(22) Date of filing of Application: <b>5/11/2002</b>
(54) Title of the invention: <b>PROVIDING INFORMATION TO A COMMUNICATIONS DEVICE</b>	
(51) International classification: <b>G06F 17/60</b> (30) Priority Data : (31) Document No.: <b>09/566,620</b> (32) Date : <b>08/05/2000</b> (33) Name of convention country : <b>U.S.A.</b> (66) Filed U/s. 5(2) : <b>NO</b> (61) Patent of addition to application No.: <b>NIL</b> (62) Filed on : <b>N.A.</b> (63) Divisional to Application No.: <b>NIL</b> (64) Filed on: <b>N.A.</b>	(71) Name of the Applicant: <b>INTEL CORPORATION</b>  Address of the Applicant: <b>2200 MISSION COLLEGE            BOULEVARD, SANTA CLARA, CA            95052</b>  (72) Name of the Inventors: <b>1) SENGUPTA UTTAM            2) THAKKAR SHREEKANT</b>

(57) Abstract : Providing information to a communications device includes determining the relevance of an event to a user based on service choices of the user and, if the event is relevant to the user, determining the relevance of information sources to the event, the information sources including at least data indicating a real-time status of the user, and determining whether to send information about the event to the user based on the information sources.

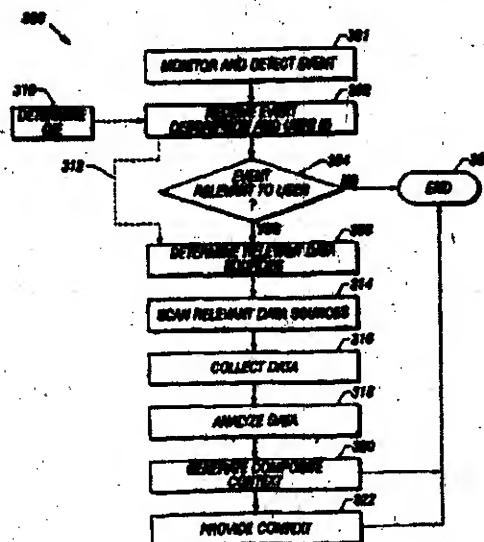


Figure: 3

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01554/MUM A (22) Date of filing of 5/11/2002  
No.: (PCT/US01/18422) Application:

(54) Title of the invention: **KNIFE-STAB-RESISTANT BALLISTIC ARTICLE**

(51) International classification: F41H 5/00	(71) Name of the Applicant:
(30) Priority Data :	<b>E.I. DU PONT DE NEMOURS AND COMPANY</b>
(31) Document No.: 09/592,200	Address of the Applicant:
(32) Date : 13/06/2000	<b>1007 MARKET STREET, WILMINGTON, DE 19898</b>
(33) Name of convention country : U.S.A.	(72) Name of the Inventors:
(66) Filed U/s. 5(2) : NO	<b>CHIOU MINSHON J.</b>
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract: A combination of layered structures is disclosed for protection from both knife stab and ballistic threats wherein the outer face is the knife stab strike face and includes layers of loosely woven fabrics and the inner face includes ballistic layers.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01555/MUM A (22) Date of filing of 5/11/2002  
No.: (PCT/US01/18913) Application:

(54) Title of the invention: HONEYCOMB STRUCTURE

(51) International classification: B32B 7/14

(30) Priority Data :

(31) Document No.: 09/595,740

(32) Date : 16/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

E.I. DU PONT DE NEMOURS AND  
COMPANY

Address of the Applicant:

1007 MARKET STREET,  
WILMINGTON, DE 19898

(72) Name of the Inventors:

LEVIT MIKHAIL R.

(57) Abstract : The present invention relates to honeycomb structures having cell walls of increased thickness wherein multiple layers of cell wall material are not bonded together except on two opposite cell wall sides. The invention also includes a process for making such honeycomb structures.

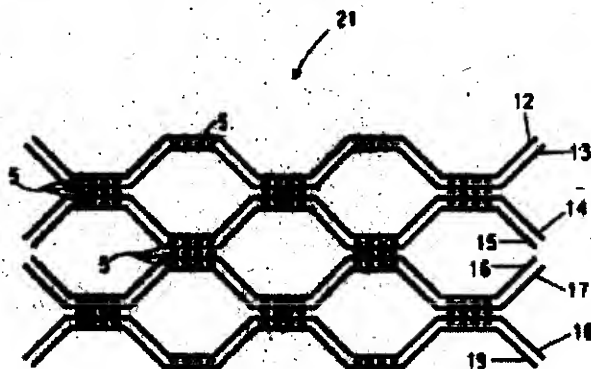


Figure: 2b

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01556/MUM A (22) Date of filing of 5/11/2002  
No.: (PCT/US01/18423) Application:

(54) Title of the invention: CUT RESISTANT FABRIC

(51) International classification: D04B 1/14

(30) Priority Data :

(31) Document No.: 09/595,314

(32) Date : 16/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2): NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

E.I. DU PONT DE NEMOURS AND  
COMPANY

Address of the Applicant:

1007 MARKET STREET,  
WILMINGTON, DE 19898

(72) Name of the Inventors:

1) ZHU REIYAO  
2) PRICKETT LARRY JOHN

(57) Abstract : The present invention relates to comfortable cut resistant fabric wherein metal fibers in the fabric are shielded from abrasive exposure by being wrapped with cut resistant staple fibers.

(54) Title: CUT RESISTANT FABRIC

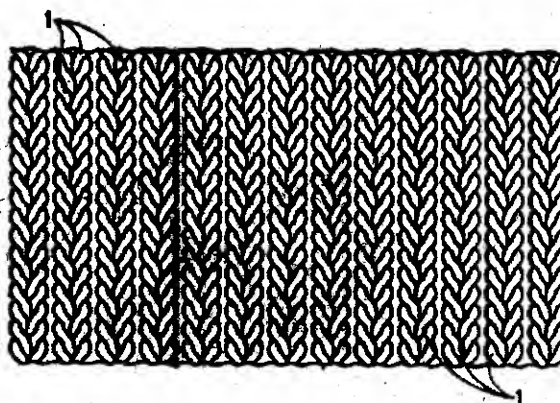


Figure: 1

**Publication After 18 months.**

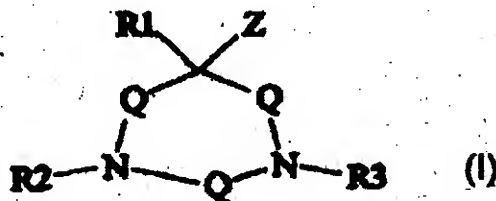
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01557/MUM A (22) Date of filing of Application: 07/11/2002  
(PCT/EP01/03840)

(54) Title of the invention: DIAZACYCLOALKANE DERIVATIVES AS BLEACH CATALYST AND COMPOSITION AND METHOD FOR BLEACHING A SUBSTRATE

(51) International classification: C07D 401/14	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 0011527.9	Address of the Applicant:
(32) Date : 12/05/2000	HINDUSTAN LEVER HOUSE,
(33) Name of convention country : UNITED-KINGDOM	165/166 BACKBAY RECLAMATION,
(66) Filed U/a. 5(2) : NO	MAHARASHTRA, 400 020 MUMBAI,
(61) Patent of addition to application No.: NIL	INDIA
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) APPEL ADRIANUS CORNELIS
(64) Filed on: N.A.	MARIA
	2) HAGE RONALD
	3) RUSSELL STEPHEN WILLIAM
	4) TETARD DAVID

(57) Abstract :



Compounds are provided that may be used as ligands in transition metal complexes, in turn useful as bleach catalysts. Also provided are complexes, bleaching compositions and methods using the compounds. The compounds are of the general formula: wherein Z represents a group selected from -NH<sub>2</sub>, -NHR<sup>4</sup>, -N(R<sup>4</sup>)<sub>2</sub>, -N(R<sup>4</sup>)<sub>3</sub><sup>+</sup>, -NO<sub>2</sub>, -NHC(O)R<sup>4</sup>, -N(R<sup>4</sup>)C(O)R<sup>4</sup> (wherein R<sup>4</sup> represents alkyl, cycloalkyl, aryl, arylalkyl or heteroarylalkyl, each optionally substituted by -F, -Cl, -Br, -I, -NH<sub>3</sub><sup>+</sup>, -SO<sub>3</sub>H, -SO<sub>3</sub>(Na<sup>+</sup>, K<sup>+</sup>), -COOH, -COO<sup>-</sup>(Na<sup>+</sup>, K<sup>+</sup>), -P(O)(OH)<sub>2</sub>, or -P(O)(O<sup>-</sup>(Na<sup>+</sup>, K<sup>+</sup>))<sub>2</sub>), an optionally substituted heterocyclic ring or an optionally substituted heteroaromatic ring selected from pyridine, pyrimidine, pyrazine, pyrazole, imidazole, benzimidazole, quinoline, quinoxaline, triazole, isoquinoline, carbazole, indole, isoindole, oxazole and thiazole.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01558/MUM A (22) Date of filing of Application: 07/11/2002  
(PCT/EP01/04879)

(54) Title of the invention: COSMETIC CONDITIONING COMPOSITIONS

<p>(51) International classification: A61K 7/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/204,055</p> <p>(32) Date : 12/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p>1) PASCUAL FE 2) NEWELL GERALD PATRICK 3) WEI-MEI 4) VASUDEVAN TIRUCHERAI VARAHAN</p>
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(57) Abstract : A rinse-off water-in-oil-in-water (W1/O/W2) multiple emulsion composition comprising: 1) about 5% to about 99% by weight of the total composition of an external aqueous phase comprising water, wherein said external aqueous phase further comprises a liquid crystalline conditioning agent which comprises a fatty alcohol or fatty acid or a mixture thereof; and a quaternary ammonium compound, wherein at least one of the fatty alcohol, fatty acid or quaternary ammonium compound, contains an unsaturated hydrocarbon chain; 2) about 1% to about 95% by weight of the total composition of a primary water-in oil (W1/O) emulsion, said primary water-in-oil (W1/O) emulsion comprising a water soluble benefit agent; 3) about 0.5% to about 95% by weight of the primary emulsion of a phase oil phase comprising a volatile silicone or volatile hydrocarbon compound; and 4) about 0.1% to about 20% by weight of the primary emulsion of a surfactant phase comprising an oil-soluble silicone-based or silicone-free surfactant is described.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.:** IN/PCT/2002/01559/MUM A (22) **Date of filing of Application:** 07/11/2002  
(PCT/AT01/00134)

(54) **Title of the invention:** BIOCIDAL POLYMERS BASED ON GUANIDINE SALTS

(51) **International classification:** C07C 279/12

(30) **Priority Data :**

(31) **Document No.:** 1) A 826/2000  
2) A 1818/2000

(32) **Date :** 1) 11/05/2000 2) 23/10/2000

(33) **Name of convention country :** AUSTRIA

(66) **Filed U/s. 5(2) :** NO

(61) **Patent of addition to application No.:** NIL

(62) **Filed on :** N.A.

(63) **Divisional to Application No.:** NIL

(64) **Filed on:** N.A.

(71) **Name of the Applicant:**

P.O.C. OIL INDUSTRY  
TECHNOLOGY BERATUNGSGES.  
M.B.H

**Address of the Applicant:**

GLUCKGASSE 3/14A,  
A-1010 WIEN, AUSTRIA

(72) **Name of the Inventors:**

1) SCHMIDT OSKAR J.  
2) SCHMIDT ANDREAS  
3) TOPTCHIEV DIMITRI

(57) **Abstract :** The invention relates to biocidal polymers with a guanidine salt base, characterized in that they are representatives of the series of polyoxyalkylene guanidines and their salts and in that they represent a product of the polycondensation of the guanidine salt with diamines containing polyoxyalkylene chains between two amino groups. Apart from having a strong bactericidal effect, these novel polymer products have relatively low toxicity and high hydrophilicity, dissolve quickly and completely in water and have high relative molecular mass values and distinctive characteristics of polymeric surface-active substances.

**Figure:** NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

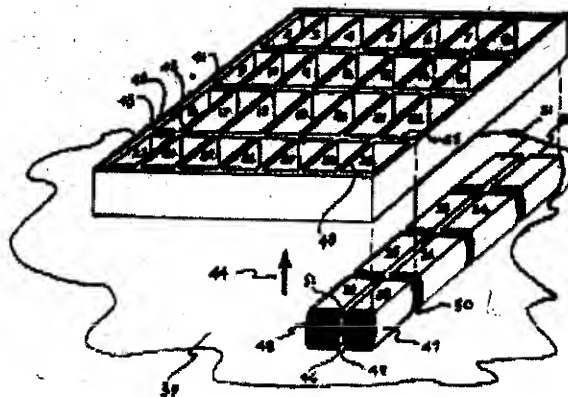
(21) Application No.: IN/PCT/2002/01560/MUM A (22) Date of filing of Application: 07/11/2002  
(PCT/AU01/00520)

(54) Title of the invention: **IMPROVEMENT IN BUILDING BLOCKS**

<p>(51) International classification: C04B 16/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: PQ 7461</p> <p>(32) Date : 05/05/2000</p> <p>(33) Name of convention country : AUSTRALIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>COLLIER PETER</b></p> <p>Address of the Applicant:</p> <p><b>2628 BELL'S LINE ROAD, BILPIN, NSW 2758, AUSTRALIA,</b></p> <p>(72) Name of the Inventors:</p> <p><b>WALSH JOHN RICHARD</b></p>
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**(57) Abstract :**

A cementitious mix for preparing a building block wherein the mix includes the ingredients; sand, cement, sawdust and water; wherein said sawdust comprises the greater proportion of the mix constituents; and wherein the dry density of the mix ranges between 700 kg/m<sup>3</sup> and 1500 kg/m<sup>3</sup>.



**Figure: 3**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01563/MUM A (22) Date of filing of 7/11/2002  
No.: (PCT/EP01/05214) Application:

(54) Title of the invention: **ORTHO-SUBSTITUTED ANTHRANILIC ACID AMIDES AND THEIR USE AS MEDICAMENTS**

(51) International classification: C07D 405/12	(71) Name of the Applicant:
(30) Priority Data :	<b>SCHERING AKTIENGESELLSCHAFT</b>
(31) Document No.: 100 23 486.0	Address of the Applicant:
(32) Date : 09/05/2000	<b>MULLERSTRASSE 178, 13353 BERLIN</b>
(33) Name of convention country : GERMANY	
(66) Filed U/s. 5(2) : YES	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) <b>KRUGER MARTIN</b>
(62) Filed on : N.A.	2) <b>HUTH ANDREAS</b>
(63) Divisional to Application No.: NIL	3) <b>PETROV ORLIN</b>
(64) Filed on: N.A.	4) <b>SEIDELMANN DIETER</b>
	5) <b>THIERAUCH KARL-HEINZ</b>
	6) <b>HABEREY MARTIN</b>

(57) Abstract : The invention relates to ortho-substituted anthranilic acid amides and to their use as medicaments for treating medical disorders, which are triggered by persistent angiogenesis.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01564/MUM A No.: (PCT/US01/17931)	(22) Date of filing of Application: 7/11/2002
(54) Title of the invention: <b>PROCESS TO PREPARE SULFONAMIDES</b>	
(51) International classification: C07D 249/12 (30) Priority Data : (31) Document No.: 60/209,374 (32) Date : 05/06/2000 (33) Name of convention country : U.S.A. (66) Filed U/s. 5(2) : NO (61) Patent of addition to application No.: NIL (62) Filed on : N.A. (63) Divisional to Application No.: NIL (64) Filed on: N.A.	(71) Name of the Applicant: <b>FMC CORPORATION</b>  Address of the Applicant: <b>1735 MARKET STREET,            PHILADELPHIA, PA 19103</b>  (72) Name of the Inventors: 1) SMELTZ LELAND A. 2) SEDERGRAN THOMAS 3) JARROW HAROLD C.

(57) Abstract : A process for the preparation of a sulfonamide of formula (II), comprising reacting at elevated temperature an aniline of formula (I), with a sulfonating agent A of the formula  $R^1-SO_2-Z$  in the presence of a catalytic amount of either, (i) an amide B-1, other than N,N-dimethylformamide, or (ii) a high boiling tertiary amine B-2. Also provided in accordance with the present invention are process for preparing sulfonamides of formula (II) by reacting an aniline of formula (I) with sulfonating agent A of the formula  $R^1-SO_2-Z$  in the presence of N,N-dimethylformamide, at a temperature in the range of about 120 °C to about 160 °C for about three to about seven hours. X, Y, Z, R and  $R^1$  are as defined herein.

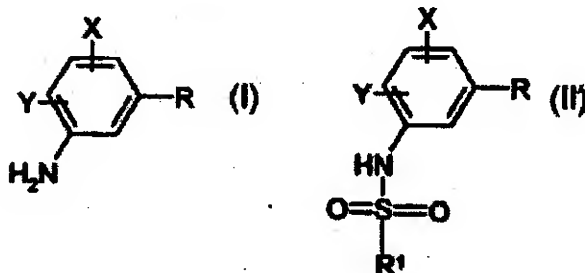


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCP/2002/01565/MUM A (22) Date of filing of 7/11/2002  
No.: (PCT/EP01/04543) Application:

(54) Title of the invention: **PROCESS AND APPARATUS FOR PRODUCING PIG IRON OR LIQUID PRIMARY STEEL PRODUCTS FROM IRON-ORE-CONTAINING CHARGE MATERIALS**

<p>(51) International classification: C21B 5/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: A 839/2000</p> <p>(32) Date : 15/05/2000</p> <p>(33) Name of convention country : AUSTRIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>VOEST-ALPINE INDUSTRIENLAGENBAU GMBH &amp; CO</b></p> <p>Address of the Applicant:</p> <p><b>TURMSTRASSE 44, 1-4020 LINZ</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) KEPPLINGER LEOPOLD WERNER 2) MIZELLI HERBERT 3) WURM JOHANN</b></p>
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(57) Abstract.: The invention relates to a method for producing pig iron or liquid steel pre-products in a blast furnace, whereby at least one partial current of a topgas from a reduction shaft furnace (1) is freed from CO<sub>2</sub> to a large extent, optionally warmed by means of partial combustion with oxygen, and introduced into the blast furnace in the form of a reduction gas. The invention also relates to a device for implementing said method, whereby the topgas is introduced into the lower part of the shaft of the blast furnace and the energy balance and implementation of the process are improved in comparison with prior art.

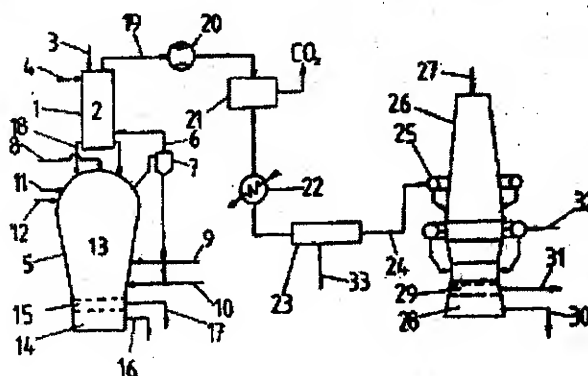


Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01566/MUM A (22) Date of filing of Application: 7/11/2002  
(PCT/EP01/06323)

(54) Title of the invention: COOLING STATION FOR DISK-SHAPED SUBSTRATES

(51) International classification: B29C 35/16

(30) Priority Data :

(31) Document No.: 100 28 399.3

(32) Date : 13/06/2000

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**KRAUSS-MAFFEI  
KUNSTSTOFFTECHNIK GMBH**

Address of the Applicant:

**KRAUSS-MAFFEI-STR. 2, 80997  
MUNCHEN**

(72)

Name of the Inventors:

**BAUMEL REINHARD**

**(57) Abstract :**

The invention relates to a cooling station for disk-shaped substrates, especially for injection-moulded substrates of optically readable data carriers such as CDs, CD-Rs, DVDs, CD singles, DVD singles and similar. At least three cooling spindles (2, 3, 4, 5) are provided and are set apart from each other and arranged parallel to each other in such a way that one substrate is contact with all of the cooling spindles simultaneously. Driving means (6, 7, 8) are also provided for rotating the cooling spindles. The invention is characterised in that each cooling spindle has at least two threads (9, 10) with thread undercuts of different widths. In this way, substrates of different thickness can be accommodated in the same cooling station, e.g., CD and DVD substrates. Alternatively or additionally, four or more cooling spindles can be provided and arranged in such a way in relation to each other that three cooling spindles are each provided with a particular diameter for transporting substrates. In this way, substrates with a different diameter, e.g. standard CDs and CD-singles, can be accommodated in the same cooling station.

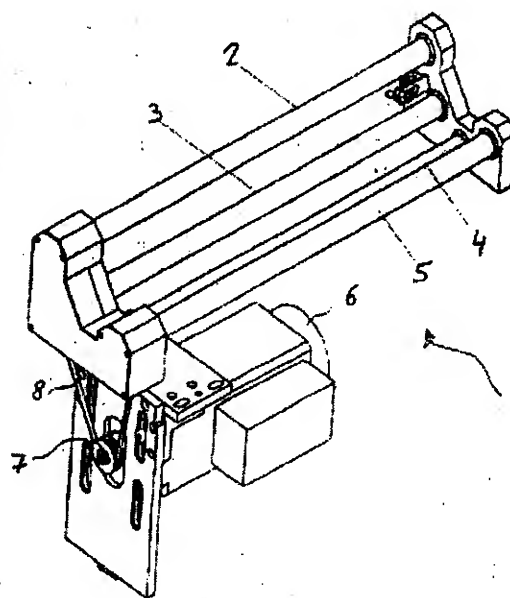


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01567/MUM A No.: (PCT/CA01/00736)	(22) Date of filing of Application: 7/11/2002
(54) Title of the invention: TRYPTOPHAN SOURCE FROM PLANTS AND USES THEREFOR	
(51) International classification: A23L 1/00  (30) Priority Data : (31) Document No.: 09/580,914  (32) Date : 26/05/2000 (33) Name of convention country : U.S.A.  (66) Filed U/s. 5(2) : NO (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  1) HUDSON SUSAN P. 2) HUDSON CRAIG J.  Address of the Applicant:  253 CAMBRIA STREET, STRATFORD, ONTARIO N5A 1H9  (72) Name of the Inventors:  1) HUDSON SUSAN P. 2) HUDSON CRAIG J.

(57) Abstract : Compositions are described comprising at least partially defatted meal from a plant source containing protein-bound tryptophan, preferably squash seeds, and, optionally, a carbohydrate source provided in an amount capable of facilitating transport of *in vivo* generated tryptophan across the blood brain barrier. Also described are dietary supplements, foods and beverages comprising the composition of the invention to induce sleep or provide tryptophan supplementation to individuals in need thereof.

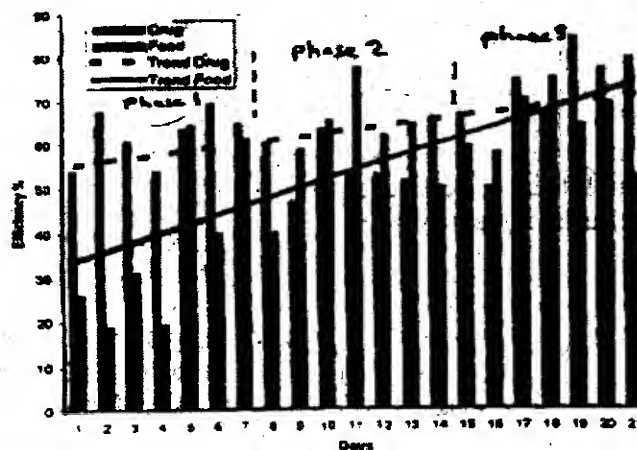


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01568/MUM A (22) Date of filing of 7/11/2002  
No.: (PCT/US01/07876) Application:

(54) Title of the invention: OPHTHALMIC SEGMENT GLASS WITH HIGH nD

(51) International classification: C03C 3/072	(71) Name of the Applicant:
(30) Priority Data :	CORNING INCORPORATED
(31) Document No.: NIL	Address of the Applicant:
(32) Date : NIL	1 RIVERFONT PLAZA CORNING, NY
(33) Name of convention country : NIL	14831
(66) Filed U/s. 5(2) : NO	(72) Name of the Inventors:
(61) Patent of addition to application No.: NIL	1) COMTE MARIE
(62) Filed on : N.A.	2) MARQUES PAULO
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

**(57) Abstract :**

The present invention relates to very high refractive index glasses ( $1.78 < n < 1.83$ ), having the following composition of oxides, expressed in percentages by weight :  $\text{SiO}_2$  20- < 27  $\text{B}_2\text{O}_3$  5-11  $\text{Li}_2\text{O}$  2-8  $\text{Na}_2\text{O}$  0-5  $\text{K}_2\text{O}$  0-5  $\text{BaO}$  7-15  $\text{CaO}$  0-11  $\text{La}_2\text{O}_3$  7-12  $\text{PbO}$  7-20  $\text{TiO}_2$  7-14  $\text{ZrO}_2$  0-5  $\text{Nb}_2\text{O}_5$  > 8-16 with:  $\text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O} > 6$   $\text{BaO} + \text{CaO} + \text{La}_2\text{O}_3 > 27$   $\text{TiO}_2 + \text{Nb}_2\text{O}_5 + \text{PbO} > 29$  to their use for the production of segments for multifocal corrective lenses and to multifocal corrective lenses incorporating at least one such segment in their structure.

$\text{SiO}_2$	20	-	< 27
$\text{B}_2\text{O}_3$	5	-	11
$\text{Li}_2\text{O}$	2	-	8
$\text{Na}_2\text{O}$	0	-	5
$\text{K}_2\text{O}$	0	-	5
$\text{BaO}$	7	-	15
$\text{CaO}$	0	-	11
$\text{La}_2\text{O}_3$	7	-	12
$\text{PbO}$	7	-	20
$\text{TiO}_2$	7	-	14
$\text{ZrO}_2$	0	-	5
$\text{Nb}_2\text{O}_5$	> 8	-	16
$\text{Li}_2\text{O} + \text{Na}_2\text{O} + \text{K}_2\text{O}$	>		6
$\text{BaO} + \text{CaO} + \text{La}_2\text{O}_3$	>		27
$\text{TiO}_2 + \text{Nb}_2\text{O}_5 + \text{PbO}$	>		29

Figure: NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01569/MUM A (22) Date of filing of 7/11/2002  
No.: (PCT/GB01/01915) Application:

(54) Title of the invention: **PROCESS FOR THE PREPARATION OF DIHYDROXY ESTERS AND DERIVATIVES THEREOF**

(51) International classification: C12P 7/62  
(30) Priority Data :  
(31) Document No.: 0011120.3  
(32) Date: 09/05/2000  
(33) Name of convention country : UNITED-KINGDOM  
(66) Filed U/s. 5(2) : NO  
(61) Patent of addition to application No.: NIL  
(62) Filed on : N.A.  
(63) Divisional to Application No.: NIL  
(64) Filed on: N.A.

(71) Name of the Applicant:

**AVECIA LIMITED**

Address of the Applicant:

**HAXAGON HOUSE, BLACKLEY,  
MANCHESTER M9 8ZS**

(72) Name of the Inventors:

1) **HOLT ROBERT ANTONY**  
2) **BLACKER ANDREW JOHN**  
3) **REEVE CHRISTOPHER DAVID**

(57) Abstract : A process is provided for the preparation of a compound of Formula (1) wherein R and R' represent optionally substituted hydrocarbyl groups and X represents a hydrocarbyl linking group. The process comprises either the stereoselective reduction of the keto group in a dihydroxy keto precursor followed by selective esterification of a primary hydroxy, or selective esterification of a primary hydroxy of a dihydroxy keto precursor followed by stereoselective reduction of the keto group.

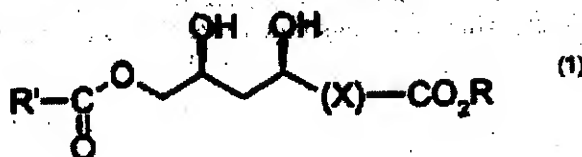


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01570/MUM A** (22) Date of filing of Application: **07/11/2002**  
(PCT/EP01/06096)

(54) Title of the invention: **RADICALLY POLYMERISABLE COMPOSITIONS CONTAINING MONOFUNCTIONAL MONOMERS, RESINS AND OPHTHALMIC ARTICLES OBTAINED FROM SAID NEW MONOFUNCTIONAL MONOMERS**

(51) International classification: **C08G 65/333**

(30) Priority Data :

(31) Document No.: **00/06983**

(32) Date : **31/05/2000**

(33) Name of convention country: **FRANCE**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on : **N.A.**

(71) Name of the Applicant:

**CORNING S.A.**

Address of the Applicant:

**7BIS AVENUE DE VALVINS,  
F-77920 SAMOIS SUR SEINE,  
FRANCE.**

(72) Name of the Inventors:

- 1) **HENRY DAVID**
- 2) **LECRIVAIN CECILE**

(57) Abstract : The aim of the present invention is: radically polymerisable compositions which contain at least one monofunctional monomer with at least one difunctional monomer; resins which are obtainable by radical copolymerisation of said compositions; it being possible for the resins to be photochromic or not; articles, notably ophthalmic articles, which are constituted totally or in part of such resins; monofunctional monomers.

Figure: **NIL**

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01571/MUM A (22) Date of filing of Application: 7/11/2002  
(PCT/FR00/00993)

(54) Title of the invention: **METHOD FOR OBTAINING A CLUTCH LINING, A CLUTCH LINING OBTAINED USING SAID METHOD AND A CLUTCH DISC FITTED WITH ONE SUCH FRICTION LINING**

(51) International classification: F16D 69/02

(71) Name of the Applicant:

(30) Priority Data :

VALEO

(31) Document No.: 01/03542

(32) Date : 31/03/2000

Address of the Applicant:

(33) Name of convention country : FRANCE

43, RUE BAYEN, F-75017 PARIS

(66) Filed Under 3(2) : NO

(61) Patent of addition to application No.: NIL

(72) Name of the Inventors:

(62) Filed on : N.A.

1) MARCHISSEAU MICHEL

(63) Divisional to Application No.: NIL

2) BOYER GERARD

(64) Filed on : N.A.

3) BIOT CHRISTIAN

(57) Abstract : The invention relates to a method for obtaining a clutch lining consisting in: injecting a friction material containing a polyester resin into a mould; the material also contains a polymerization catalyst, glass fibres, chalk, mica, talc, kaolin, thermoplastic fillers and a mould release agent. The invention also relates to a clutch lining obtained using said method and a clutch disc fitted with one such lining.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01572/MUM, A (22) Date of Filing of 7/11/2002  
No.: (PCT/US01/19665) Application:

(54) Title of the invention: **SELECTIVE ANDROGEN RECEPTOR MODULATORS AND METHODS FOR THEIR IDENTIFICATION, DESIGN AND USE**

(51) International classification: C07D

(30) Priority Data :

(31) Document No.: 1) 60/214,392 2) 60/233,519  
3) 60/284,438 4) 60/284,617  
5) 60/284,730

(32) Date : 1) 28/06/2000 2) 19/09/2000  
3) 18/04/2001 4) 18/04/2001  
5) 18/04/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BRISTOL-MYERS SQUIBB COMPANY**

Address of the Applicant:

**P.O. BOX 4000, LAWRENCEVILLE-  
PRINCETON RD, PRINCETON, NJ  
08543 4000**

(72) Name of the Inventors:

- 1) SALVATI MARK E.
- 2) GOTTARDIS MARCO M.
- 3) KRYSTEK STANLEY R.
- 4) ATTAR RICARDO M.
- 5) SACK JOHN S.

(57) Abstract : Selective androgen receptor modulators (SARMs) having antagonist activity in hormone-dependent tumors while exhibiting no activity or agonist activity against other nontumor tissues containing the androgen receptor as well as methods for identifying, designing and using SARMs are provided.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01573/MUM A (22) Date of filing of 8/11/2002  
No.: (PCT/US01/17636) Application:

(54) Title of the invention: POLYMERIZATION OF OLEFINS

(51) International classification: C08F 10/00

(30) Priority Data :

(31) Document No.: 1) 60/208,087 2) 60/211,601  
3) 60/214,036

(32) Date : 1) 31/05/2000 2) 15/06/2000  
3) 23/06/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

E.LDU PONT DE NEMOURS AND  
COMPANY

Address of the Applicant:

1007 MARKET STREET,  
WILMINGTON, DE 19898

(72) Name of the Inventors:

1) WANG LIN  
2) JOHNSON LYNDIA K.  
3) IONKIN ALEX S.

(57) Abstract : Olefins are polymerized by novel transition metal complexes of selected iminocarboxylate and iminoamido ligands, sometimes in the presence of cocatalysts such as alkylaluminium compounds or neutral Lewis acids. Olefins which may be (co) polymerized include ethylene,  $\alpha$ -olefins, and olefins containing polar groups such as olefinic esters for example acrylate esters. Also described are certain "Zwitterionic" transition metal complexes as polymerization catalysts for making polar copolymers. The resulting polymers are useful as thermoplastics and elastomers.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01574/MUM-A (22) Date of Filing of 8/11/2002  
No.: (PCT/JP01/04508) Application:

(54) Title of the invention: **DEVICE FOR OPERATING ELECTRONIC APPARATUS,  
RECORDED MEDIUM AND ELECTRONIC APPARATUS**

<p>(51) International classification: <b>H04Q 9/00</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) P2000-161253 2) P2001-145560</p> <p>(32) Date : 1) 30/05/2000 2) 15/05/2000</p> <p>(33) Name of convention country : <b>JAPAN</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>SONY CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO 141-0001, JAPAN</b></p> <p>Name of the Inventors:</p> <p>(72)</p> <p>1) <b>FUJITA TAKESHI</b> 2) <b>ENDO HITOSHI</b> 3) <b>HATTA NARIAKI</b> 4) <b>FUJIKAWA YASUFUMI</b></p>
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(57) **Abstract** : A device for operating an electronic apparatus is standardized so that it can be applied to any of various apparatuses. More specifically, an "information image" such that image information and related information is handled as a unit is displayed on the displayed section of the operating device, so that the operator can specify an information image (305). When an information image is specified through operation, related information is extracted from the information image (307) and control information is transmitted to the controlled object based on that related information.

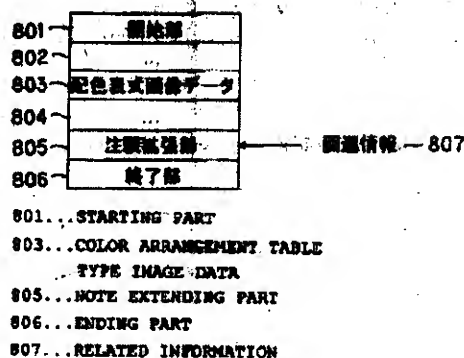


Figure: 8

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01575/MUM A (22) Date of filing of Application: 08/11/2002  
(PCT/JP02/01617)

(54) Title of the invention: **DECOMPRESSOR FOR 4-STROKE CYCLE INTERNAL COMBUSTION ENGINE**

<p>(51) International classification: F01L 13/08</p> <p>(30) Priority Data:</p> <p>(31) Document No.: 1) 2001-101426 2) 2001-101427</p> <p>(32) Date: 1) 30/03/2001 2) 30/03/2001</p> <p>(33) Name of convention country: JAPAN</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on: N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HONDA GIKEN KOSHO KABUSHIKI KAISHA</b></p> <p>Address of the Applicant:</p> <p><b>1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN,</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>AKUTSU TOSIYASU</b> 2) <b>SAWAMURA YOSHIOBU</b> 3) <b>WASABADAUKI HI</b> 4) <b>KOBAYASHI</b> 5) <b>SAKAMOTO BUNICHIRO</b></p>
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**(57) Abstract:**


 <p>Figure 3 is a cross-sectional diagram of a 4-stroke cycle internal combustion engine. The diagram shows a cylinder head (3) with a suction valve (13) and an exhaust valve (14). A cam shaft (19) is positioned below the valves, with a suction cam (17) and an exhaust cam (18). A decompressor cam (35) is fitted on the cam shaft (19) through a one-way clutch (34). Cam rollers (32) are in contact with the suction and exhaust cams (17, 18). Rocker arms (26, 27) are pivoted on the ends of the cam rollers (32) and support the suction and exhaust valves (13, 14). Decompressor cam abutments (33) are formed on the ends of the rocker arms (26, 27) and support the decompressor cam (35). A stop piece (44) is installed to pass through a through-hole (40a) in a stop piece support portion (40) disposed on a cylinder head (3). A locking projection (39a) is on the peripheral edge of the decompressor cam (35).</p>	<p>In a 4-stroke cycle internal combustion engine equipped with a suction valve (13) and an exhaust valve (14) which are driven for opening and closing by a suction cam (17) and an exhaust cam (18), respectively, which are integral with a cam shaft (19), a decompressor cam (35) is fitted on the cam shaft (19) through a one-way clutch (34) capable of transmitting torque only during reverse rotation and in such a manner as to be adjacent to at least one of the suction and exhaust cams (17, 18). Further, cam rollers (32) respectively rolling in contact with the suction and exhaust cams (17, 18) are respectively rotatably pivoted on the ends of rocker arms (26, 27) for opening the suction and exhaust valves (13, 14), and decompressor cam abutments (33) for the rocker arms (26, 27), which abut against the decompressor cam (35), are formed on the ends of the rocker arms (26, 27) which support cam rollers (32). Thereby, it is possible to reduce the dimension in the circumferential axis of rotation of the cam rollers (32) to reduce the width of the rocker arms (26, 27); thus, it becomes possible to reduce the power for driving the valve-opening device, and to reduce the size of the decompressor. A stop piece (44) is installed to pass through a through-hole (40a) in a stop piece support portion (40) disposed on a cylinder head (3) makes it possible to lock the locking projection (39a) on the peripheral edge of the decompressor cam (35).</p>
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Figure 3

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01576/MUM A** (22) Date of filing of Application: **8/11/2002**  
(PCT/US01/18855)

(54) Title of the invention: **SELT BELT RETRACTOR**

(51) International classification: **B60R 22/28**

(30) Priority Data :

(31) Document No.: **09/619,112**

(32) Date : **19/07/2000**

(33) Name of convention country : **U.S.A.**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**BREED AUTOMOTIVE TECHNOLOGY INC.**

Address of the Applicant:

**P.O.BOX 33050, LAKCLAND, FL 33807-3050**

(72) Name of the Inventors:

- 1) **KOHLNDORFER KENNETH H.**
- 2) **ARNOLD DAVID R.**
- 3) **RICHARDS SUSAN A.**
- 4) **BOELSTLER RICHARD A.**
- 5) **LANE WENDELL C.JR.**
- 6) **SEITZMAN MARKELL**

(57) Abstract : A seat belt retractor (20) has an integrally formed, quadrilaterally shaped main body portion (24). The frame is injection molded using 50% by weight or greater long glass fiber plastic or die cast or injection molded metal. A spring housing wall (140) and a wall (170) of a mechanism cover are also integrally formed in the sides of the retractor. The mechanism side of the frame includes and integrally formed pin (210) to pivotally support a locking pawl (220).

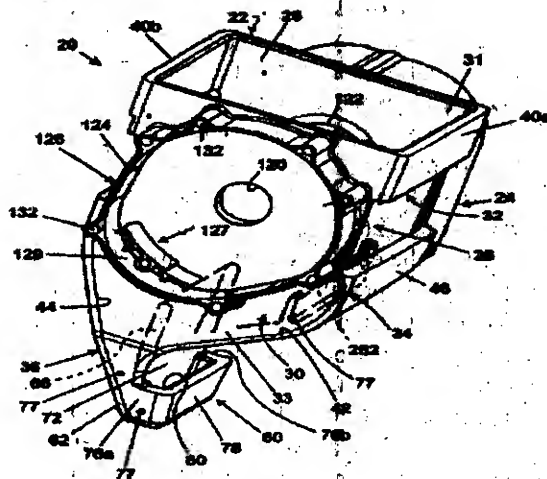


Figure: 1



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01577/MUM A (22) Date of filing of 8/11/2002  
No.: (PCT/EP01/05562) Application:

(54) Title of the invention: TRANSPARENT THERMOPLASTIC COMPOSITION

<p>(51) International classification: C08K 5/315</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 26 628.2</p> <p>(32) Date : 29/05/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant;</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>51368 LEVERKUSEN</b></p> <p>(72)</p> <p>Name of the Inventors:</p> <p><b>1) GORNY RUDIGER</b>  <b>2) ANDERS SIEGFRIED</b>  <b>3) NISING WOLFGANG</b>  <b>4) HAASE WILFRIED</b></p>
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(57) Abstract : The invention relates to a composition containing a transparent thermoplastic polymer and compounds according to formula (I) wherein  $R_1$ - $R_{40}$  are identical or different and are selected from the group consisting of H, alkyl, halogen and CN. The invention also relates to products obtained therefrom.

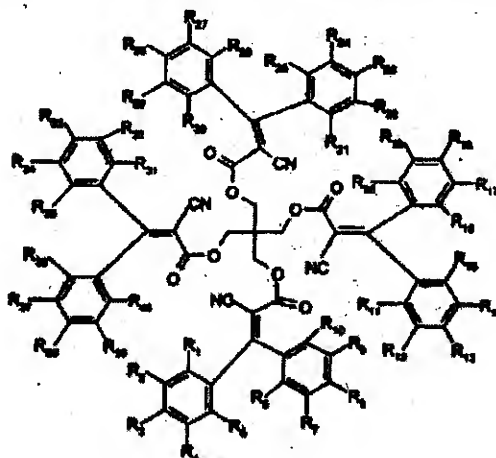


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01578/MUM A (22) Date of filing of 8/11/2002  
No.: (PCT/US01/14019) Application:

(54) Title of the invention: **ENERGY ABSORBING SEAT BELT RETRACTOR**

(51) International classification: B60R 22/34

(71) Name of the Applicant:

(30) Priority Data :

**BREED AUTOMOTIVE  
TECHNOLOGY INC.**

(31) Document No.: 09/616,728

(32) Date : 14/07/2000

Address of the Applicant:

(33) Name of convention country : U.S.A.

**P.O. BOX 33050, LAKELAND,  
FL, 33807-3050**

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(72)

(62) Filed on : N.A.

Name of the Inventors:

(63) Divisional to Application No.: NIL

1) **KONING RICHARD W.**

(64) Filed on: N.A.

2) **WOLLARD SCOTT A.**

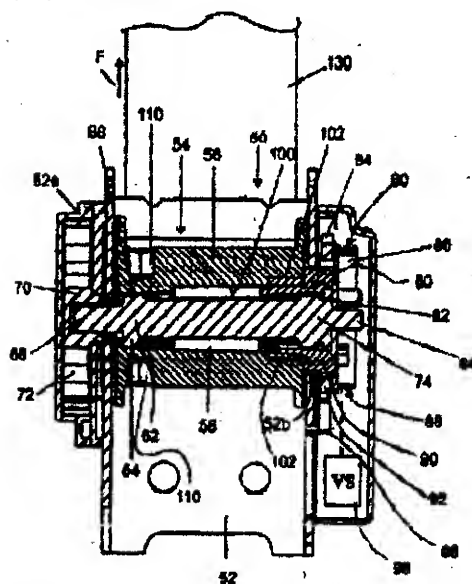
**(57) Abstract :**

Figure: 1

A seat belt retractor (50) has a spool (56) about which a seat belt is wound. A locking mechanism (60) at least initially locks the spool against rotation. A primary force-limiting mechanism, such as a torsion bar (58), permits the spool to rotate in a controlled manner subsequent to the locking of the spool. A secondary force-limiting mechanism is located within a recess (100) in the spool and comprises portions of the spool and an adjacent portion of the locking mechanism to increase the restraining force on the seat belt before the primary force-limiting mechanism becomes effective. The torsion bar (58) is connected at one end to the spool and at its other end to the locking mechanism. The secondary locking mechanism includes a recess, keyway or slot (102) and a projection (104) formed on one of the bore and an interlocking part of the locking mechanism.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01579/MUM A (22) Date of filing of 8/11/2002  
No.: (PCT/US01/14982) Application:

(54) Title of the invention: NANOSIZED PARTICLES OF MOLYBDENUM SULFIDE AND DERIVATIVES AND USES THEREOF

<p>(51) International classification: C07F 11/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/208,57</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>CROMPRION CORPORATION</p> <p>Address of the Applicant:</p> <p>199 BENSON ROAD, MIDDLEBURY, CT 06749</p> <p>(72) Name of the Inventors:</p> <p>1) MIGDAL CYRIL A. 2) STOTT PAUL E. 3) BAKUNIN VICTOR N. 4) PARENAGO OLEG P. 5) KUZ'MINA GALINA N. 6) VEDENEEVA LUDMILA M. 7) SUSLOV ANDREI YU</p>
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**(57) Abstract :**

A lubricant composition is disclosed that comprises: (a) a lubricant and (b) at least one molybdenum-containing compound in the form of surface-capped nanosized particles of the general formula:  $(Z)_n(X-R)_m$  wherein Z is an inorganic moiety comprising molybdenum and sulfur in the form of particles having dimensions in the range of from about 1 to about 100 nm; (X-R) is a surface-capping reagent wherein R is a C4 to C20 straight or branched-chain alkyl or alkylated cycloalkyl radical or radicals and X is a functional group capable of specific sorption and/or chemical interaction with molybdenum/sulfur moiety; n is the number of molecules of Z in the particles; m is an integer representing the amount of surface-capping reagents relative to a single particle; and the ratio of m to n is in the range of from about 1:1 to about 10:1.

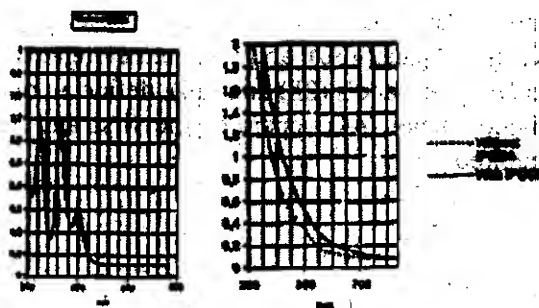


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01580/MUM A (22) Date of filing of Application: 8/11/2002  
(PCT/US01/16554)

(54) Title of the invention: **THREE-DIMENSIONAL POCKET CONSTRUCTION FOR A LUGGAGE CASE**

(51) International classification: A45C 13/04

(30) Priority Data :

(31) Document No.: 60/207,736

(32) Date : 26/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**SAMSONITE CORPORATION**

Address of the Applicant:

**11200 EAST FORTY-FIFTH AVENUE,  
DENVER, CO 80239**

(72)

Name of the Inventors:

**1) SANTY DIRK**

**2) VAN HIMBEECK CLEMENS**

(57) Abstract : A luggage case (10) includes a main packing door (20) that has defined two volume pockets. A volume pocket (26) extends across the top of the packing door and a second volume pocket (38) across the bottom and major portion of the packing door. Elongated panels such as inverted U-shaped panel (22), elongated panel (36), and a second elongated panel (40), all include a stiffening foam layer which, together with rectangular panels (28) and (34), define an overall truncated pyramid shape on the packing door. A single textile divider panel (44) separates the first and second pockets a minimum amount of material or sewing being required.

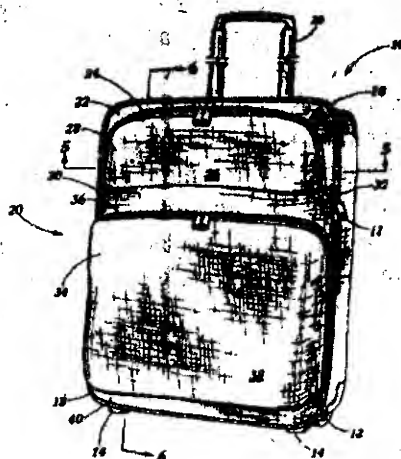


Figure: 4

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01582/MUM A (22) Date of filing of 8/11/2002  
No.: (PCT/IB01/00933) Application:

(54) Title of the invention: **S-METHYL-DIHYDRO-ZIPRASIDONE FOR TREATMENT OF PSYCHIATRIC AND OCULAR DISORDERS**

<p>(51) International classification: A61K 31/496</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/209,136. 2) 60/212,172</p> <p>(32) Date : 1) 02/06/2000 2) 16/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PFIZER PRODUCTS INC.</b></p> <p>Address of the Applicant:</p> <p><b>EASTERN POINT ROAD, GROTON, CT 06340</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>PRAKASH CHANDRA AGGARWAL</b></p> <p>2) <b>SMOLAREK TERESA ANNETTE</b></p>

(57) **Abstract** : This invention relates to pharmaceutical compositions containing S-methyl-dihydro-ziprasidone and to the use of such compound and its pharmaceutically acceptable salts for the treatment of psychiatric and ocular disorders. More specifically, it relates to the use of such compound and its pharmaceutically acceptable salts for the treatment of a disorder or condition selected from: schizophrenia, anxiety disorders such as generalized anxiety disorder, panic disorder, posttraumatic stress disorder and phobias (e.g., social phobia, agoraphobia etc.); psychotic episodes of anxiety: anxiety agitation, excessive aggression, tension, or social or emotional withdrawal associated with psychosis; psychotic mood disorders such as severe major depressive disorder, mood disorders associated with psychotic disorders such as acute mania and depression associated with bipolar disorder, and mood disorders associated with schizophrenia; behavioral disturbances associated with mental retardation, autistic disorder, and conduct disorder; dementias such as dementias associated with Alzheimer's disease; drug-induced and neurodegeneration based dyskinesias; obsessive compulsive disorder; tourette's syndrome; glaucoma; and ischemic retinopathy.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01583/MUM A (22) Date of filing of 11/11/2002  
No.: (PCT/IB01/01038) Application:

(54) Title of the invention: **NOVEL PROCESS FOR THE PREPARATION OF PYRAZOLOPYRIMIDINONES**

<p>(51) International classification: C07D 487/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0015462.5 2) 0105878.3</p> <p>(32) Date : 1) 22/06/2000 2) 09/03/2001</p> <p>(33) Name of convention country : UNITED-KINGDOM</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PFIZER INC.</b></p> <p>Address of the Applicant:</p> <p><b>235 EAST 42<sup>ND</sup> STREET, NEW YORK, NY 10017</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>BUNNAGE MARK EDWARD</b> 2) <b>LEVETT PHILIP CHARLES</b> 3) <b>THOMSON NICHOLAS MURRAY</b></p>
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(57) Abstract : There is provided a process for the production of a compound of general formula (I), wherein A, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have meanings given in the description, which process comprises the dehydrogenation of a compound of general formula (II)

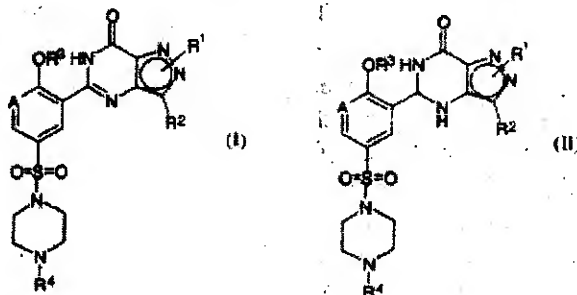


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01584/MUM A (22) Date of filing of 11/11/2002  
No.: (PCT/IB01/01050) Application:

(54) Title of the invention: NOVEL PROCESS FOR THE PREPARATION OF  
PYRAZOLOPYRIMIDINONES

(51) International classification: C07D 295/22

(30) Priority Data :

(31) Document No.: 1) 0015472.4 2) 0105857.7

(32) Date : 1) 22/06/2000 2) 09/03/2001

(33) Name of convention country : UNITED-  
KINGDOM

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PFIZER INC.

Address of the Applicant:

235 EAST 42<sup>ND</sup> STREET, NEW YORK,  
NY 10017

(72) Name of the Inventors:

- 1) DUNN PETER JAMES
- 2) DUNNE CATHERINE

(57) Abstract : There is provided a process for the production of a compound of general formula (I), wherein A, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have meanings given in the description, which process comprises the reaction of a compound of formula (II), wherein R<sup>x</sup> is a group substitutable by an aminopyrazole, with a compound of general formula(III).

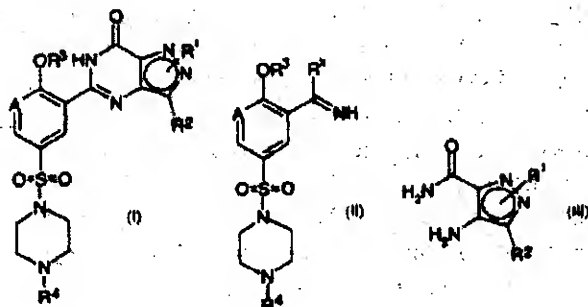


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01585/MUM A (22) Date of filing of Application: 11/11/2002  
(PCT/US01/14687)

(54) Title of the invention: **YARNS AND FABRICS HAVING A WASH-DURABLE NON-ELECTRICALLY CONDUCTIVE TOPICALLY APPLIED METAL-BASED FINISH**

<p>(51) International classification: D06M</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/585,762 2) 09/586,053 3) 09/586,081 4) 09/586,381 5) 09/589,179</p> <p>(32) Date : 1) 02/06/2000 2) 02/06/2000 3) 02/06/2000 4) 02/06/2000 5) 02/06/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MILLIKEN &amp; COMPANY</b></p> <p>Address of the Applicant:</p> <p><b>LEGAL DEPARTMENT (M-495), 920 MILLIKEN ROAD, SPARTANBURG, SC 29303 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) GREEN DAVID E. 2) VAN HYNING DIRK L. 3) CLOSE LELAND G. JR. 4) LI SHULONG 5) GOULET ROBERT J.</p>
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(57) Abstract : Durable non-electrically conductive metal treatments (such as coatings or finishes) for yarns and textile fabrics. Such treatments preferably comprise silver and/or silver ions; however, other metals, such as zinc, iron, copper, nickel, cobalt, aluminum, gold, manganese, magnesium, and the like, may also be present or alternatively utilized. Such a treatment provides, as one example, an antimicrobial fiber and/or textile fabric which remains on the surface and does not permit electrical conductivity over the surface. The treatment is extremely durable on such substrates; after a substantial number of standard launderings and drying, the treatment does not wear away in any appreciable amount and thus the substrate retains its antimicrobial activity (or other property). The method of adherence to the target yarn and/or fabric may be performed any number of ways, most preferably through the utilization of a binder system or through a transfer method from a donor fabric to target textile fabric in the presence of moisture and upon exposure to heat. The particular methods of adherence, as well as the treated textile fabrics and individual fibers are also encompassed within this invention.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01586/MUM A (22) Date of filing of 11/11/2002  
No.: (PCT/US01/15748) Application:

(54) Title of the invention: **MICROINJECTION OF CRYOPROTECTANTS FOR PRESERVATION OF CELLS**

<p>(51) International classification: A01N 1/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/204,877 2) 09/798,327</p> <p>(32) Date : 1) 16/05/2000 2) 02/03/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) THE GENERAL HOSPITAL CORPORATION</p> <p>2) GAMETE TECHNOLOGIES INC</p> <p>Address of the Applicant:</p> <p>1) 55 FRUIT STREET, BOSTON, MA 02114</p> <p>2) 45 SMOKE RIDGE DRIVE, NORTH KINGSTOWN, R1 02852</p> <p>(72) Name of the Inventors:</p> <p>1) TONER MEHMET</p> <p>2) EROGLU ALI</p> <p>3) TOTTH THOMAS</p>
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(57) Abstract : A preservation method for biological material having cell membranes includes microinjecting the cells with sugar, preparing the cells for storage; storing the biological material; and recovering the stored biological material from storage. Carbohydrate sugars such as trehalose, sucrose, fructose, dextran, and raffinose, may be used as bio-protective agents.

Figure: NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01587/MUM A (22) Date of filing of 11/11/2002  
No.: (PCT/GB01/01999) Application:

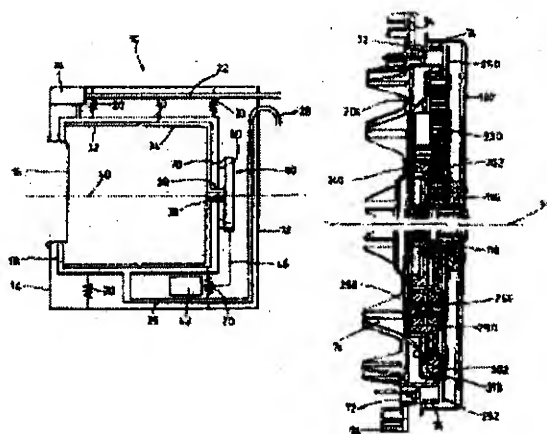
(54) Title of the invention: AN APPLIANCE HAVING A DRIVING MECHANISM

<p>(51) International classification: D06F 37/36</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0011992.5</p> <p>(32) Date : 19/05/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>DYSON LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>TEBURY ILL, MALMESBURY, WILTSHIRE SN16 0RP, GREAT BRITAIN,</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>WILSON MATTHEW CHARLES EDWARD</b></p> <p>2) <b>WELLS SIMON PAUL</b></p> <p>3) <b>BURLINGTON GEOFFREY MICHAEL</b></p>
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**(57) Abstract :**

An appliance having a driving mechanism is provided, the appliance (10) comprising two rotatable portions (32, 34) which are rotatable by the driving mechanism (50) about an axis (40). The driving mechanism (50) comprises a gearbox (60) having an input gear (116), two output gears (240, 304) and a locking mechanism (250, 252, 318) movable between a first position and a second position. The arrangement is such that, when the locking mechanism (250, 252, 318) is in the first position and the input gear (116) is driven, both output gears (240, 304) rotate in the same direction and, when the locking mechanism (250, 252, 318) is in the second position and the input gear (116) is driven, the output gears (240, 304)

rotate in opposite directions. The arrangement of the axis (40) is horizontal or substantially horizontal. The invention is particularly suitable for use in a front-loading washing machine (10) having a drum (30) comprising two rotatable portions (32, 34). The driving mechanism (50) can be used to selectively cause rotation of the rotatable portions (32, 34) either in the same direction or in opposite directions.



**Figure: 1, 10A**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01588/MUM A (22) Date of filing of Application: 11/11/2002  
(PCT/GB01/02266)

(54) Title of the invention: NOVEL POLYETHYLENE FILMS

(51) International classification: C08L 23/04

(30) Priority Data :

(31) Document No.: 1) 013344.7 2) 013343.9

(32) Date : 1) 01/06/2000 2) 01/06/2000

(33) Name of convention country : UNITED-KINGDOM

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BP CHEMICALS LIMITED

Address of the Applicant:

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(72) Name of the Inventors:

- 1) ALARCON FREDERIC
- 2) ERYE CHRISTOPHER JAMES
- 3) GILBERT DAVID GEORGE
- 4) TURTLE BRIAN LESLIE

(57) Abstract : Novel stretch and blown films are prepared based on copolymers of ethylene and alpha-olefins having (a) density in the range 0.900 to 0.940 (b) an apparent  $M_w/M_n$  of 2-3,4 (c)  $I_2/I_1$  from 16 to 24 (d) activation energy of flow from 28 to 45 kJ/mol (e) a ratio  $E_a(HMW)/E_a(LMW) > 1.1$ , and (f) a ratio  $g' (LMW)/g (LMW)$  from 0.85 to 0.95. The films exhibit an excellent combination of strength and processability and are particularly suitable for use as either stretch films or blown films for use as heavy duty sacks. The preferred films show a dart impact of  $>1100$  g and MD elongations of  $>500\%$ .

Figure: NIL

**Publication After 18 months**

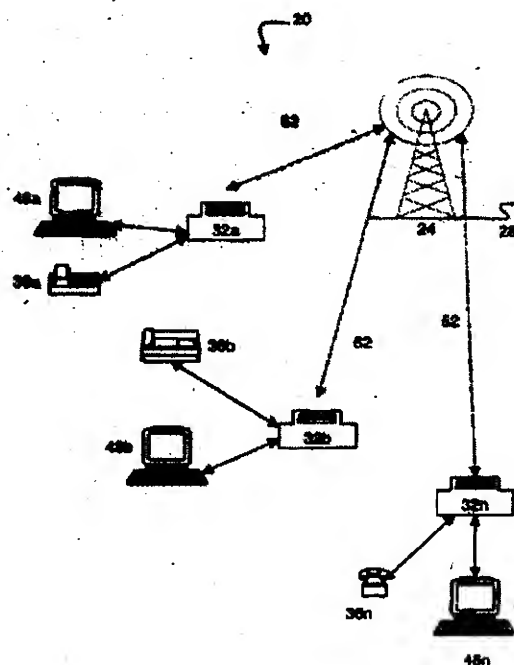
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01589/MUM A (PCT/CA01/00672)	(22) Date of filing of Application: 11/11/2002
(54) Title of the invention: <b>COMMUNICATION STRUCTURE FOR MULTIPLEXED LINKS</b>	
<p>(51) International classification: H04Q 7/22</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2,308,564</p> <p>(32) Date : 15/05/2000</p> <p>(33) Name of convention country : CANADA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant: <b>SOMA NETWORKS</b></p> <p>Address of the Applicant: <b>SUITE 2000, SAN FRANCISCO, CA 94107</b></p> <p>(72) Name of the Inventors:            1) <b>SNELGROVE W. MARTIN</b>            2) <b>VAN HEESWYK FRANK M.</b>            3) <b>KSCHISCHANG FRANK</b>            4) <b>FRAZER MARK JAMES</b>            5) <b>MANTHA RAMESH</b> </p>

**(57) Abstract :**

A communication structure and method which allows connection-like and connectionless communications to be provided on a multiplexed link is provided. The structure and method can make efficient use of available transmission capacity and/or network resources while providing both types of communication and hybrids. Connection-like communications can be provided by a channel having located transmission capacity dedicated to the communication while connectionless communications can be provided by a shared channel through which data can be transmitted to subscribers. In an embodiment, the shared channel transmits frames of packets addressed to one or more of the subscribers. The allocation of transmission capacity between the dedicated channels and the shared channel can be fixed, or can be managed to meet network or network operator requirements. The structure and method can also be managed by the network operator to permit prioritization of some communications over others. In another embodiment, two or more shared channels are provided in addition to the dedicated channels.

Figure: 1.



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01590/MUM A (22) Date of filing of 11/11/2002  
No.: (PCT/GR01/00022) Application:

(54) Title of the invention: **MULTI-FUNCTIONAL VEHICLE EQUIPPED WITH FIRE FIGHTING EQUIPMENT AND EQUIPMENT FOR FREEING, RESCUING AND TRANSPORTING INJURED ENTRAPPED PERSONS**

<p>(51) International classification: A62C 27/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 20000100157</p> <p>(32) Date : 03/05/2000</p> <p>(33) Name of convention country : GREECE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SIOUTIS GEORGE</b></p> <p>Address of the Applicant:</p> <p><b>91 VORIOU IPIROU, GR-165 62 ANO GLIFADA</b></p> <p>(72) Name of the Inventors:</p> <p><b>SIOUTIS GEORGE</b></p>
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(57) Abstract : The invention is referring to the field of fire-fighting vehicles, rescue vehicles and ambulances, proposing specifically the construction of a multi-functional vehicle which, with the properly disposed equipment and ergonomics, can combine and accomplish all three missions, that is, fire fighting, freeing and rescuing injured entrapped persons and subsequently transportation of these injured persons after, mainly, a car accident. According to the preferred embodiment this single multi-functional vehicle by itself replaces at least three vehicles- that is a fire fighting, a rescue vehicle and two ambulances, having as crew only three persons.

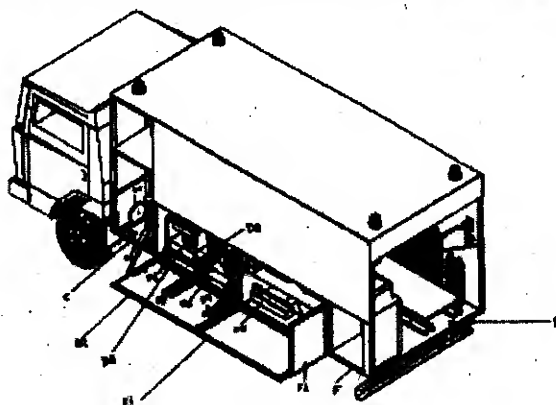


Figure: 3

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01592/MUM A (22) Date of filing of Application: 12/11/2002  
(PCT/EP01/04994)

(54) Title of the invention: **LIQUID DETERGENT COMPOSITION**

(51) International classification: C11D 1/66	(71) Name of the Applicant:
(30) Priority Data :	<b>HINDUSTAN LEVER LTD.</b>
(31) Document No.: 00304097.9	Address of the Applicant:
(32) Date : 15/05/2000	<b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, INDIA,</b>
(33) Name of convention country : EUROPE	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) <b>CROPPER JAMES DAWSON</b>
(63) Divisional to Application No.: NIL	2) <b>SULLIVAN NICKY</b>
(64) Filed on: N.A.	3) <b>WIGGANS JENNY</b>

(57) Abstract : The present invention relates to a concentrated liquid detergent composition with pigment. The composition is colour stable and the pigment remains stably dispersed for at least 4 weeks at 37°C.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01593/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/EP01/05303) Application:

(54) Title of the invention: AMBIENT STABLE BEVERAGE

(51) International classification: A23L 2/44	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 0011674.9	
(32) Date : 15/05/2000	Address of the Applicant:
(33) Name of convention country : GREAT- BRITAIN	HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA,
(66) Filed U/s. 5(2): NO	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) KIRBY ROY MICHAEL
(64) Filed on: N.A.	2) SAVAGE DAVID
	3) STRATFORD MALCOLM

(57) Abstract : An ambient stable beverage that contains a preservative system that contains cinnamic acid, dimethyl dicarbonate and at least one essential oil. The beverage contains a minimum concentration of preservatives and has a pleasant taste.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01594/MUM A (22) Date of filing of Application: 12/11/2002  
(PCT/GB01/01928)

(54) Title of the invention: AMBIENT STABLE BEVERAGE

(51) International classification: A23F 3/00	(71) Name of the Applicant:
(30) Priority Data :	HINDUSTAN LEVER LIMITED
(31) Document No.: 0011675.6	
(32) Date : 15/05/2000	Address of the Applicant:
(33) Name of convention country : GREAT-BRITAIN	HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA,
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) BLYTH MARIAN
(64) Filed on: N.A.	2) KIRBY ROY MICHAEL
	3) STEELS HAZEL
	4) STRATFORD MALCOLM

(57) Abstract : An ambient stable tea based beverage that contains a tea extract and a preservative system. The preservative system contains cinnamic acid, one or more essential oils and one or more pasteurisation adjuncts that become fungicidal when activated by heat.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01595/MUM A (22) Date of filing of Application: 12/11/2002  
(PCT/EP01/04856)

(54) Title of the invention: AMBIENT STABLE BEVERAGE

(51) International classification: A23L 2/44

(30) Priority Data :

(31) Document No.: 0011676.4

(32) Date : 15/05/2000

(33) Name of convention country : GREAT-BRITAIN

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

HINDUSTAN LEVER LIMITED

Address of the Applicant:

HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MAHARASHTRA, 400 020 MUMBAI,  
INDIA,

(72)

Name of the Inventors:

- 1) BLYTH MARIAN
- 2) KANU AMINATA YANDA
- 3) KIRBY ROY MICHAEL
- 4) STRATFORD MALCOLM

**(57) Abstract :**

A beverage that contains a preservative system that contains 1 to 175 ppm cinnamic acid, 10 to 200 ppm sorbic acid or benzoic acid, and at least one essential oil other than cinnamic acid. Minimising the concentration of sorbic and benzoic acid in this way enables one to prepare an ambient-stable beverage whilst avoiding the adverse effects that sorbic and benzoic acid can have on taste.

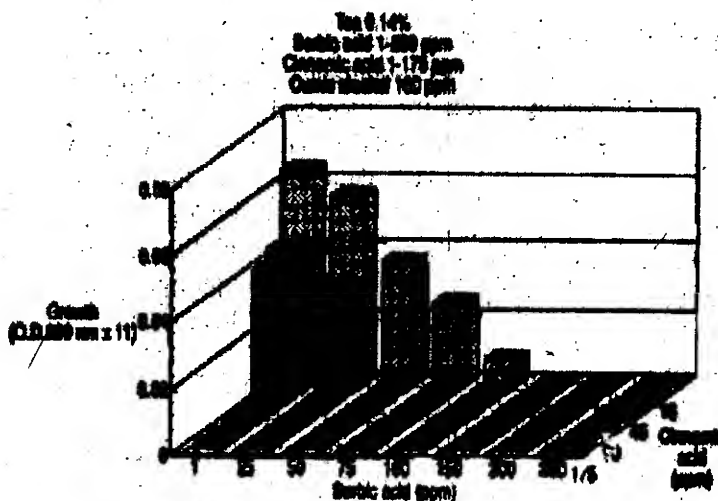


Figure: 9

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01597/MUM A (22) Date of filing of Application: 12/11/2002  
(PCT/US01/17986)
- (54) Title of the invention: **METHOD FOR PROVIDING VIDEO-ON-DEMAND SERVICES FOR BROADCASTING SYSTEMS**

<p>(51) International classification: G06F 15/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/584,832 2) 09/709,948</p> <p>(32) Date : 1) 31/05/2000 2) 10/11/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PREDI WAVE CORP.</b></p> <p>Address of the Applicant:</p> <p><b>SUITE 107, 48501 WARM SPRINGS BOULEVARD, FREMONT, CA 94539 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>HONG KHOI</b></p>
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**(57) Abstract :**

A method of sending data to a client via a central controlling server (102) to provide data-on-demand services comprises the steps of: receiving a data file, specifying a time interval, parsing the data file into a plurality of data blocks based on the time interval such that each data block is displayable during a time interval, determining a required number of time slots to send the data file, allocating to each time slot at least a first of the plurality of data blocks and optionally one or more additional data blocks, such that starting from any of the time slots, (i) the data file can be displayed by accessing the first of the plurality of data blocks; (ii) at a consecutive time slot, a next data block sequential to a prior displayed data block is available for displaying; and (iii) repeating steps (ii) until all of the plurality of data blocks for the data file has been displayed, and sending the plurality of data blocks based on the allocating step.

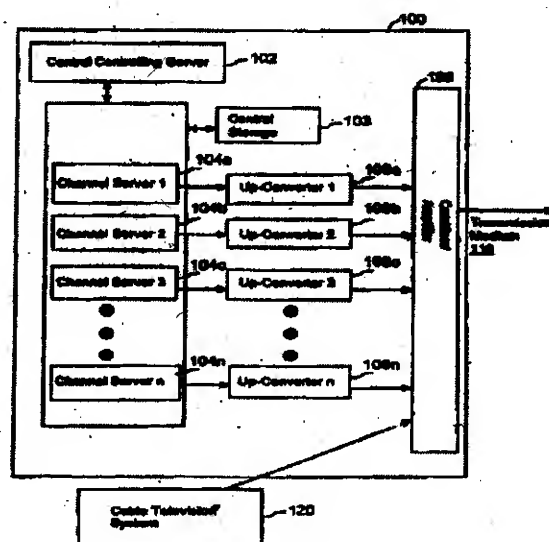


Figure: 1A

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01598/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/SE01/01450) Application:

(54) Title of the invention: **SUBSTITUTED QUINAZOLINE DERIVATIVES AND THEIR USE AS INHIBITORS**

<p>(51) International classification: C07D 403/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00401842.0</p> <p>(32) Date : 28/06/2000</p> <p>(33) Name of convention country : EUROP</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ASTRAZENECA AB</p> <p>Address of the Applicant:</p> <p>S-151 85 SODERTALJE, SWEDEN,</p> <p>(72) Name of the Inventors:</p> <p>1) MORTLOCK ANDREW</p> <p>2) JUNG FREDERIC</p>
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(57) Abstract : The use of a compound of formula (I) or a salt, ester or amide thereof; where X is O, or S, S(O) or S(O)<sub>2</sub>, or NR<sup>6</sup> where R<sup>6</sup> is hydrogen or C<sub>1-4</sub>alkyl; R<sup>5</sup> is an optionally substituted 5-membered heteroaromatic ring, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> are independently selected from various specified moieties, in the preparation of a medicament for use in the inhibition of aurora 2 kinase. Certain compounds are novel and these, together with pharmaceutical compositions containing them are also described and claimed.

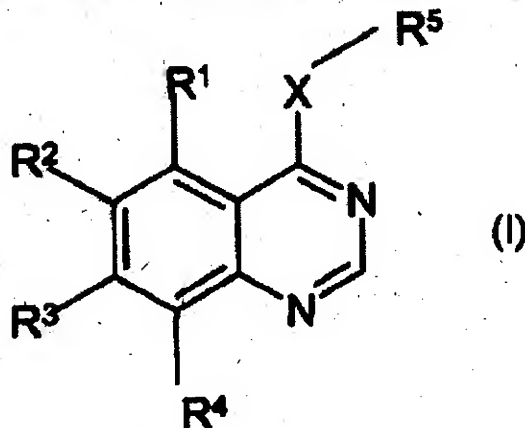


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01599/MUM A (22) Date of filing of Application: 12/11/2002  
(PCT/SE01/01239)
- (54) Title of the invention: **NEW CRYSTALLINE AND AMORPHOUS FORM OF A TRIAZOLO (4,5-D) PYRIMIDINE COMPOUND**

<p>(51) International classification: C07D 487/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0013407.2</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on : N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>ASTRAZENECA AB</b></p> <p>Address of the Applicant:</p> <p><b>S-151 85 SÖDERTÄLJE, SWEDEN,</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) BOHLIN MARTIN</b> <b>2) COSGROVE STEVE</b> <b>3) LASSEN BO</b></p>
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(57) Abstract : The invention provides new forms of a chemical compound of formula (I). The invention relates to forms of a chemical compound (I), in particular to crystalline and amorphous forms, more particularly four crystalline forms and an amorphous form. The invention further relates to processes for the preparation of such forms, to pharmaceutical compositions comprising the compound in crystalline and/or amorphous form and to therapeutic use of such forms.

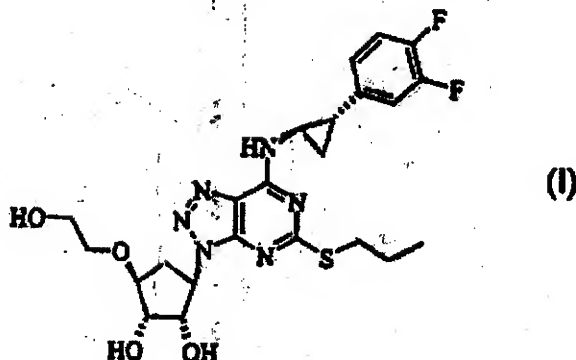


Figure: NIL

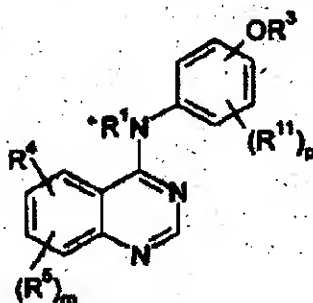
**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01600/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/IB01/01046) Application:
- (54) Title of the invention: **SUBSTITUTED BICYCLIC DERIVATIVES FOR THE TREATMENT OF ABNORMAL CELL GROWTH**

<p>(51) International classification: C07D 401/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/213,136</p> <p>(32) Date : 22/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PFIZER PRODUCTS INC.</b></p> <p>Address of the Applicant:</p> <p><b>EASTERN POINT ROAD, GROTON, CT 06340, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) KATH JOHN CHARLES 2) BHATTACHARYA SAMIT KUMAR 3) MORRIS JOEL</p>

(57) Abstract : The invention relates to compounds of the formula (1) and to pharmaceutically acceptable salts, prodrugs and solvates thereof, wherein  $R^1$ ,  $R^3$ ,  $R^4$ ,  $R^5$ ,  $R^{11}$ , m and p are as defined herein. The invention also relates to methods of treating abnormal cell growth in mammals by administering the compounds of formula (1) and to pharmaceutical compositions for treating such disorders which contain the compounds of formula (1). The invention also relates to methods of preparing the compounds of formula (1).



(1)

Figure: NIL

**Figure: NIL**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01602/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/CA01/00294) Application:

(54) Title of the invention: **SLIDING VALVEGATE WITH INSERTS**

(51) International classification: **B29C 45/28**

(30) Priority Data :

(31) Document No.: **09/562,038**

(32) Date : **01/05/2000**

(33) Name of convention country : **U.S.A.**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**HUSKY INJECTION MOLDING  
SYSTEMS LTD.**

Address of the Applicant:

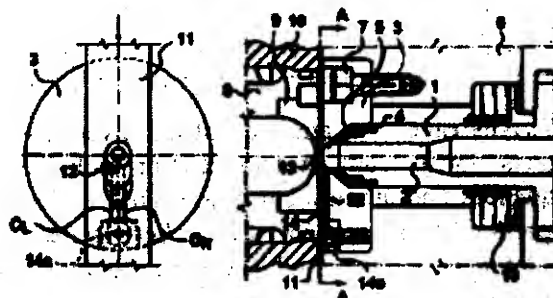
**AMC/IPS DEPARTMENT,  
500 QUEEN STREET SOUTH,  
BOLTON, ONTARIO  
L7E 5S5, CANADA,**

(72) Name of the Inventors:

- 1) **RAMANSKI ZBIGNIEW**
- 2) **SAMOTIK STANISLAW**

**(57) Abstract :**

A valve gating apparatus for injection molding including at least one shutter (12) disposed between the gate and the cavity melt channel into a mold cavity (8). The shutter (12) is removably fastened to a rail member (11). When the rail member (11) is moved laterally, the shutter (12) moves between a closed position wherein flow of melt from the nozzle (1) into the cavity (8) is inhibited, and an open position wherein flow of melt into the cavity (8) is unimpeded by the shutter (12).



**Figure: 1**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01603/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/US01/14151) Application:

(54) Title of the invention: **AN ANTIBODY SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND USES THEREOF**

<p>(51) International classification: C07K 16/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/201,344</p> <p>(32) Date : 02/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>UAB RESEARCH FOUNDATION</b></p> <p>Address of the Applicant:</p> <p><b>AB 1120G, 1530 3<sup>RD</sup> AVENUE SOUTH, BIRMINGHAM, AL 35294-0111</b></p> <p>(72) Name of the Inventors:</p> <p>1) ZHOU TONG 2) ICHIKAWA KIMIHISA 3) KIMBERLY ROBERT P. 4) KOOPMAN WILLIAM J.</p>
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(57) Abstract : An antibody of the invention interacts with human DR5 to produce agonistic or antagonistic effects downstream of the receptor including inhibition of cell proliferation and apoptosis, Nucleic acid sequences and amino acid of anti-DR5 antibodies have been elucidated and vectors and cells containing and expressing these sequences have been generated. Methods and uses for the antibodies are detailed including treatment of apoptosis-related disease and treatment of dysregulated cell growth.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01604/MUM A (22) Date of filing of 12/11/2002  
No.: (PCT/IL01/00402) Application:

(54) Title of the invention: **METHOD AND APPARATUS FOR STIMULATING THE SPHENOPALATINE GANGLION TO MODIFY PROPERTIES OF THE BBB AND CEREBRAL BLOOD FLOW**

<p>(51) International classification: A61K</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/203,172</p> <p>(32) Date : 08/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BRAINS GATE LTD.</b></p> <p>Address of the Applicant:</p> <p><b>HANOTE A STREET 10, 73160 MOSHAV MAZOR, ISRAEL,</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SHALEV ALON</b> <b>2) GROSS YOSHI</b></p>
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(57) Abstract : Apparatus for modifying a property of a brain of a patient is provided, including one or more electrodes (7), adapted to be applied to a site selected from a group of sites consisting of : a sphenopalatine ganglion (SPG) (6) of the patient and a neural tract originating in or leading to the SPG. A control unit (8) is adapted to drive the one or more electrodes to apply a current to the site capable of inducing (a) an increase in permeability of a blood-brain barrier (BBB) of the patient, (b) a change in cerebral blood flow of the patient, and/or (c) an inhibition of parasympathetic activity of the SPG.

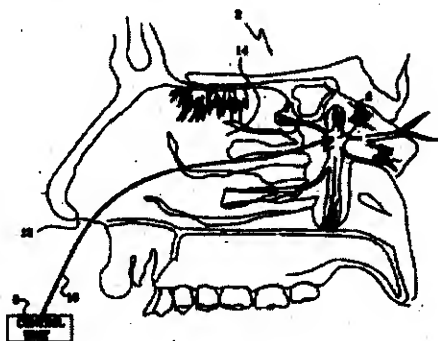


Figure: 2

Publication After 18 months.

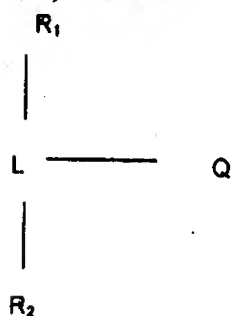
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01605/MUM A (22) Date of filing of 13/11/2002  
No.: (PCT/EP01/02623) Application:

0.....

(54) Title of the invention: FABRIC SOFTENING COMPOSITIONS

<p>(51) International classification: C11D 3/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0106466.6</p> <p>(32) Date : 15/03/2000</p> <p>(33) Name of convention country : UNITED-KINGDOM</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>HARICHIAN BIJAN</b> 2) <b>WHALEY CHRISTOPHER</b></p>
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**(57) Abstract :**

(1)

Fabric softening products, such as a rinse conditioner or a tumble dryer sheet, comprise (a) an organic softening compound free of quaternary nitrogen groups and having the general formula (1) wherein R<sub>1</sub> and R<sub>2</sub> are both hydrophobic alkyl or alkenyl groups independently comprising 5 to 40 carbon atoms and together comprising at least 26 carbon atoms, L is a linking group having at least 1 single bond providing freedom of rotation and providing a chain length of from 4 to 10 atoms between Q and R<sub>1</sub>/R<sub>2</sub> and Q is a hydrophilic head-group; and (b) a carrier for the softening compound.

Figure: NIL

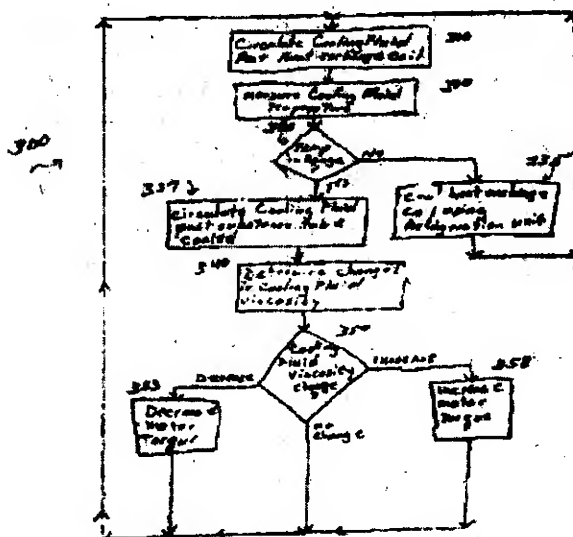
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

<p>(21) Application IN/PCT/2002/01606/MUM A (22) Date of filing of Application: 13/11/2002</p> <p>No.: (PCT/US01/15821)</p> <p>(54) Title of the invention: <b>COOLING METHOD FOR CONTROLLED HIGH SPEED CHILLING OR FREEZING</b></p> <p>(51) International classification: F25B</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/205,635</p> <p>(32) Date : 18/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SUPACHILL INTERNATIONAL PTY. LTD.</b></p> <p>Address of the Applicant:</p> <p><b>67 KORONG ROAD, WEST HEIDELBERG, VIC 3081, AUSTRALIA</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>WOOD BRIAN</b> 2) <b>CASELL ALLAN J.</b></p>
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**(57) Abstract :**

A cooling method for controlled high speed chilling or freezing is disclosed. Cooling fluid is circulated by a submersed circulator, such as a motor, at a substantially constant velocity past a substance to be cooled. The velocity of fluid flow is maintained despite changes in the viscosity of the cooling fluid, by either increasing or decreasing the amount of torque supplied by the motor. The cooling fluid is cooled to a desired temperature by circulating the fluid past a multi-path heat exchanging coil connected to a refrigeration system. An optimal cooling fluid temperature for a variety of applications is in the range of about -24 DEG C to -26 DEG C, resulting in significant efficiency gains over conventional cooling processes.

**Figure: 3**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01600/MUM A (22) Date of filing of Application: 14/11/2002  
(PCT/GB01/02367)

(54) Title of the invention: **AGROCHEMICAL SUSPENSION FORMULATIONS**

<p>(51) International classification: A01N 25/30</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00127753</p> <p>(32) Date : 26/05/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>IMPERIAL CHEMICAL INDUSTRIES PLC</b></p> <p>Address of the Applicant:</p> <p><b>IMPERIAL CHEMICAL HOUSE, MILLBANK LONDON SW 1P 3JF, GREAT BRITAIN</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>ROMMENS JOHAN CAMEL GABRIELLE</b></p> <p>2) <b>TANDT YOURY DEN</b></p>

(57) **Abstract :** Agrochemical suspension concentrates, particularly in aqueous or liquid oil based medium, comprise solid particles including one or more agrochemical active components; and a dispersing agent including a water soluble or dispersible styrene (meth) acrylic acid copolymer. In particular the styrene (meth)acrylic acid copolymer has a molar ratio of residues of (meth) acrylic acid monomer (s) to styrene monomer (s) from 20:1 to 1:5, particularly from 3:1 to 1:1. The formulation will usually also contain wetting agents; and/or adjuvants. The agrochemical active can be plant growth regulators, herbicides, and/or pesticides, for example insecticides, fungicides, acaricides, nematocides, miticides, rodenticides, bactericides, molluscicides, and bird repellants. The suspension formulations will typically be used diluted in water and sprayed onto plants or the soil surrounding the plants.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01609/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/US01/17627) Application:

(54) Title of the invention: CATALYSTS FOR OLEFIN POLYMERIZATION

(51) International classification: C08F 4/00

(30) Priority Data :

(31) Document No.: 1) 60/208,087 2) 60/211,601  
3) 60/214,036 4) 60/264,537

(32) Date : 1) 31/05/2000 2) 15/06/2000  
3) 23/06/2000 4) 25/01/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

E.I. DU PONT DE NEMOURS AND  
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1007 MARKET STREET,  
WILMINGTON DE 19898 U.S.A.

(72)

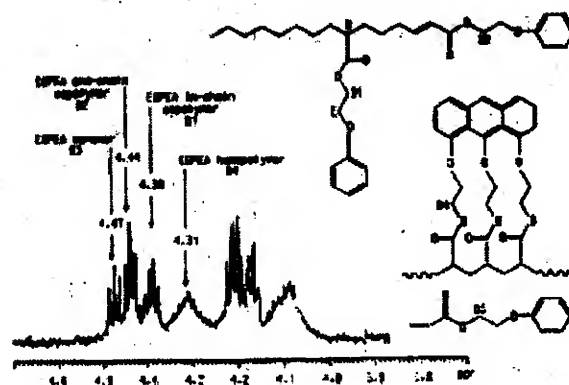
Name of the Inventors:

- 1) WING LIN
- 2) HAUPTMAN ELISABETH
- 3) JOHNSON LYNDA K.
- 4) MCCORD ELIZABETH F.
- 5) WANG YING
- 6) ITTEL STEVEN D.

**(57) Abstract :**

Transition metal complexes of selected monoanionic phosphine ligands, which also contain a selected Group 15 or 16 (IUPAC) element and which are coordinated to a Group 3 to 11 (IUPAC) transition metal or a lanthanide metal, are po-lymerization catalysts for the (co)polymerization of olefins such as ethylene and alpha-olefins, and the copolymerization of such olefins with polar group-containing olefins. These and other nickel complexes of neutral and monoanionic bidentate ligands copolymerize ethylene and polar comonomers, especially acrylates, at relatively high ethylene pressures and surprisingly high temperatures, and give good incorporation of the polar comonomers and good polymer productivity. These copolymers are often unique structures, which are described.

Figure: 1



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01610/MUM A No.: (PCT/SE01/01241) (22) Date of filing of Application: 14/11/2002

(54) Title of the invention: NOVEL TRIAZOLO PYRIMIDINE COMPOUNDS

<p>(51) International classification: C07D 487/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0013488.2 2) 0002102.2</p> <p>(32) Date : 1) 02/06/2000 2) 06/06/2000</p> <p>(33) Name of convention country : 1) GREAT-BRITAIN 2) SWEDEN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ASTRAZENECA AB</p> <p>Address of the Applicant:</p> <p>S-151 85 SÖDERTÄLJE</p> <p>(72) Name of the Inventors:</p> <p>1) LARSSON ULF 2) MAGNUSSON MATTIAS 3) MUSIL TIBOR 4) PALMGREN ANDREAS</p>
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(57) Abstract : The present invention relates to a pyrimidine compound (I) useful as a pharmaceutical intermediate, to a process for preparing said pyrimidine compound, to intermediates used in said process, and to the use of said pyrimidine compound in the preparation of pharmaceuticals.

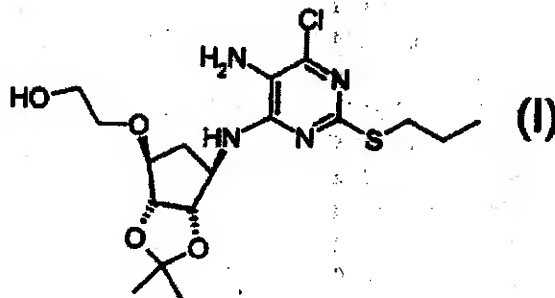


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01611/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/SE01/01240) Application:

(54) Title of the invention: **PROCESS FOR THE PREPARATION OF CYCLOPROPYL CARBOXYLIC ACID ESTERS AND DERIVATIVES**

(51) International classification: C07C 67/347	(71) Name of the Applicant:
(30) Priority Data :	ASTRAZENECA AB
(31) Document No.: 1) 0013487.4 2) 0002101-4	Address of the Applicant:
(32) Date : 1) 02/06/2000 2) 06/06/2000	S-151 85 SODERTALJE
(33) Name of convention country : 1) GREAT-BRITAIN 2) SWEDEN	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) CLARK ADRIAN
(63) Divisional to Application No.: NIL	2) JONES ELFYN
(64) Filed on: N.A.	3) LARSSON ULF
	4) MINIDIS ANNA

(57) **Abstract** : The invention relates to a novel process for the preparation of certain cyclopropyl carboxylic acid esters and other cyclopropyl carboxylic acid derivatives; a novel process for the preparation of dimethylsulfoxonium methylide and dimethylsulfonium methylide; to the use of certain cyclopropyl carboxylic acid esters in a process for the preparation of intermediates that can be used in the synthesis of pharmaceutically active entities; and to certain intermediates provided by these processes.

**Figure:** NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

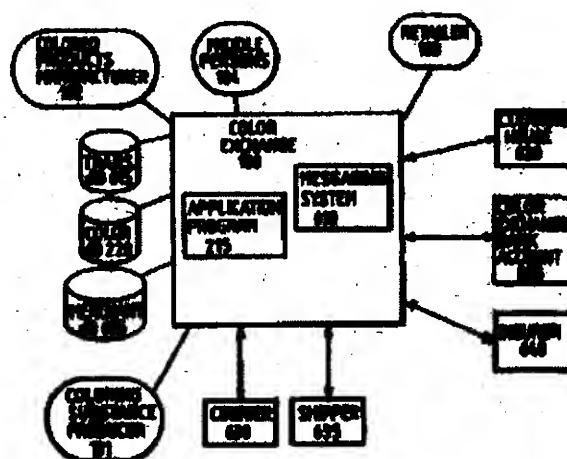
(21) Application IN/PCT/2002/01612/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/GB00/03257) Application:

(54) Title of the invention: **ONLINE COLOR EXCHANGE**

<p>(51) International classification: <b>G06F 17/60</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/203,793 2) 09/621,926</p> <p>(32) Date : 1) 12/05/2000 2) 24/07/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>EWARN.COM INTERNATIONAL HOLDINGS, LTD.</b></p> <p>Address of the Applicant:</p> <p><b>P.O.BOX 986, THE GENEVA PLACE, THIRD FLOOR, WATERFRONT DRIVE ROAD TOWN, TORTOLA, BRITISH VIRGIN ISLANDS,</b></p> <p>(72) Name of the Inventors:</p> <p><b>LAWN RICHARD</b></p>
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**(57) Abstract :**

A system and method for selling coloring substances is presented herein. An application program for converting spectrophotometer measurements at client computers to color space coordinates is placed on a server. Spectrophotometer measurements are transmitted to the application program over a client/server connection. The application program converts the spectrophotometer measurements into a color space coordinate and stores records catalogued by the color space coordinate in a database at the server. Storage of color space coordinates of coloring substances at the server facilitates pairing of potential buyers and sellers. Additionally, storage of color space coordinates at the server also results in a larger number of records, thereby permitting greater flexibility in recipe calculations.



**Figure: 6**



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: **IN/PCT/2002/01614/MUM A** (22) Date of filing of Application: **14/11/2002**  
(PCT/EP01/05235)

(54) Title of the invention: **METHOD FOR THE PRODUCTION OF 2- COUMARONE AND SUBSTITUTED 2-COUMARONES**

<p>(51) International classification: C07D 307/77</p> <p>(30) Priority Data :</p> <p>(31) Document No.: A 983/2000</p> <p>(32) Date : 06/06/2000</p> <p>(33) Name of convention country : AUSTRIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>DSM FINE CHEMICALS AUSTRIA GMBH</b></p> <p>Address of the Applicant:</p> <p><b>ST. PETER-STRASSE 25, A-4021 LINZ, AUSTRIA,</b></p> <p>Name of the Inventors:</p> <p>(72)</p> <p>1) <b>STANEX MICHAEL</b> 2) <b>HILDEBRAND PETER</b> 3) <b>ZIMMERMANN CURT</b> 4) <b>CASTELLJNS MARIANNE</b></p>
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(57) Abstract : The invention relates to a method for the production of 2-coumarone or substituted 2-coumarones, whereby cyclohexanone or substituted cyclohexanone is reacted with a carboxyl-containing acylating agent a) to give methyl 2-(2-oxo-cyclohexyl)-2-hydroxyacetate or substituted methyl 2-(2-oxo-cyclohexyl)-2-hydroxyacetates, which are either a<sub>1</sub>) directly converted to 2-coumarone or substituted 2-coumarones by means of catalytic gas-phase dehydrogenation, or a<sub>2</sub>) dehydrated by means of azeotropic distillation under basic conditions or by use of a strong acid, or a strongly acidic ion exchanger to a mixture of methyl 2-oxocyclohexylidenacetate and the enol-lactone of the 2-oxocyclohexylidenacetic acid, or a mixture of substituted methyl 2-oxocyclohexylidenacetate and the enol-lactone of the substituted 2-oxocyclohexylidenacetic acid, which is finally converted in turn by catalytic gas-phase dehydrogenation to 2-coumarone, or substituted 2-coumarones, or b) are directly converted under acidic or basic conditions into a mixture of methyl 2-oxocyclohexylidenacetate and the enol-lactone of 2-oxo-cyclohexylidenacetic acid, or a mixture of substituted methyl 2-oxocyclohexylidenacetate and the enol-lactone of the substituted 2-oxocyclohexylidenacetic acid, which is finally converted in turn by catalytic gas-phase dehydrogenation into 2-coumarone or substituted 2-coumarones.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01615/MUM A (22) Date of Filing of 14/11/2002  
No.: (PCT/GB01/02611) Application:

(54) Title of the invention: **FIRE RETARDANT COATING**

<p>(51) International classification: B27K</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000/2988</p> <p>(32) Date : 14/06/2000</p> <p>(33) Name of convention country : SOUTH- AFRICA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>FOSROC INTERNATIONAL LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>BURMAH CASTROL HOUSE, PIPERS WAY, SWINDON, WILTSHIRE SN3 1RE, ENGLAND</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) CROUS WILLEM JAHANNES 2) SMART RODERICK MACDONALD</b></p>

(57) Abstract : A solution for forming a fire resistant coating on substrates such as timber comprises an aqueous solution of an alkali metal silicate containing from about 5 to about 70 % by weight of the alkali metal silicate and having dispersed therein a filler in an amount of from about 5 to about 60 %. The filler is preferably an intumescent material such as a graphite capable of exfoliation. The solution may be applied by brushing or spraying onto timber in a mine to form coatings from 1 to 4mm in thickness.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01616/MUM A (22) Date of filing of Application: 14/11/2002  
(PCT/EP01/04672)

(54) Title of the invention: WATER IN OIL EMULSION

<p>(51) International classification: A23D 7/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 69281983.6</p> <p>(32) Date : 26/05/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LTD.</p> <p>Address of the Applicant:</p> <p>HINDUSTAN LEVER HOUSE, 165/166 BACHELY RECLAMATION, MUMBAI 400 020, INDIA,</p> <p>(72) Name of the Inventors:</p> <p>1) AGTEROF WIM 2) BAKKER MARINUS ADRIAAN E. 3) VREEKER ROBERT</p>
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(57) Abstract : The invention relates to emulsions comprising a continuous fatty phase in an amount of from 50 to 85 wt.% on total product, a dispersed aqueous phase comprising a gelling agent, and an emulsifier system which comprises a stabilising emulsifier and destabilising emulsifier. The aqueous phase is present in the form of a flocculated water droplet network.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01617/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/EP01/05313) Application:

(54) Title of the invention: FABRIC CONDITIONING COMPOSITION

<p>(51) International classification: C11D 3/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0012958.5</p> <p>(32) Date : 26/05/2000</p> <p>(33) Name of convention country : UNITED-KINGDOM</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>ELLSON KAREN JANE</b> 2) <b>MOHAMMADI MANSUR SULTAN</b></p>
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(57) Abstract : Fabric softening compositions with 1-10 % by weight of cationic fabric softening compound show a surprising increase in viscosity when a fatty acid partial ester of a polyhydric alcohol at a level greater than 0.01 % by weight and less than or equal to 0.45 % by weight based on the composition is added and if the resulting mixture is sheared at a temperature below the phase transition temperature of the fabric softener composition. As a result, viscosities in the range 35-500 mPa.s at 106 s<sup>-1</sup> can be obtained in a surprising manner.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01618/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/EP01/05305) Application:

(54) Title of the invention: HAIR TREATMENT COMPOSITIONS

<p>(51) International classification: A61K 7/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0012064.2</p> <p>(32) Date : 18/05/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA,</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>AVERY ANDREW RICHARD</b> 2) <b>BARNES ANDREW ANTHONY HOWARD</b> 3) <b>MURRAY ANDREW MALCOLM</b> 4) <b>PUNYAGUPTA MALIKA</b></p>

(57) Abstract : Hair treatment compositions comprising a surfactant, PTFE particles, and a cationic polymer. The invention also provides for use of a cationic polymer as a deposition aid for PTFE particles dispersed in an aqueous hair treatment composition.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01619/MUM A (22) Date of filing of Application: 14/11/2002  
(PCT/EP01/05311)

(54) Title of the invention: **DEODORANT AND/OR ANTIPERSPIRANT COMPOSITIONS**

<p>(51) International classification: <b>A61K 7/32</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>60/206,527</b></p> <p>(32) Date : <b>23/05/2000</b></p> <p>(33) Name of convention country : <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 163066 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA,</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) BREWSTER DAVID ALLEN 2) SCAPIDI ANTHONY</b></p>
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(57) Abstract : The invention relates to antiperspirant/deodorant soft solid compositions which comprise: a) a volatile silicone or a volatile hydrocarbon compound; b) a structuring wax; c) a silicone elastomer at from 0.1 to 30 %; and d) an antiperspirant or deodorant active ingredient. The invention also relates to a method of controlling body odor and perspiration by contacting human skin with a composition of the invention.

Figure: **NIL**

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01620/MUM A (22) Date of filing of 14/11/2002  
No.: (PCT/RU011/00017) Application:

(84) Title of the invention: **METHOD OF ROD COIL FORMING AND SET OF EQUIPMENT FOR ITS REALIZATION**

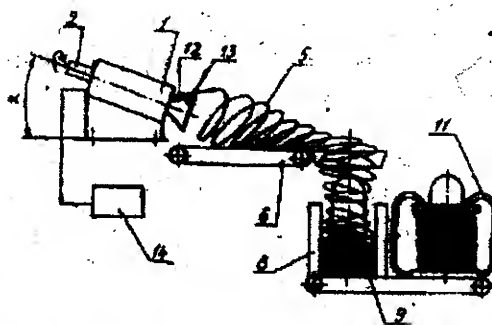
<p>(31) International classification: B21C 47/14</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000112837</p> <p>(32) Date : 24/05/2000</p> <p>(33) Name of convention country : RUSSIA</p> <p>(66) Filed U/a. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>OOO MT GROUP</p> <p>Address of the Applicant:</p> <p>1<sup>st</sup> KHOROSHEVSKIY PROYEZD, 2/17, STROEN, 1, MOSCOW 125284, RUSSIA,</p> <p>(72) Name of the Inventors:</p> <p>NEKIPELOV VLADIMIR STANISLAVOICH</p>
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**(57) Abstract :**

This invention relates to rolling and in particular to the process of rod coil forming, for instance, of steel and nonferrous metals, and to a set of equipment for its realization. The method of rod coil forming includes continuous rod feeding through a wire-rod guide, forming of waps with a variable diameter by means of speed variation of wire-rod guide rotation and stacking of waps by horizontal layers throughout the height of a coil. The difference of the applied method is in the fact that the rod is fed at a speed of 35-300 m/s. Forming of waps with a variable diameter is realized under the influence

of dynamic forces by means of rod declination at the wire-rod guide outlet at an angle of 15-80 DEG with the axis of rotation and its following feeding in a curved concave path with rotation at an angle of 80-90 DEG with the axis of wire-rod guide rotation, in this case speed of wire-rod guide rotation is varied with respect to the following ratio (I) where:  $\omega$  - angular speed of wire-rod guide rotation,  $\sigma_T$  - yield point of rod material. A conveyer feeds the formed waps in the form of a flat spiral of a variable diameter for stacking in a stack. After stacking the coil should be bound. A set of equipment is proposed to realize the applied method. This invention enables to obtain a compact coil of high-quality rod with a high efficiency of the process.

**Figure: 5**



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01621/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/IB01/00995)

(54) Title of the invention: MELANOCORTIN RECEPTOR LIGANDS

<p>(51) International classification: C07D 471/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/214,616</p> <p>(32) Date : 28/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PFIZER PRODUCTS INC.</b></p> <p>Address of the Applicant:</p> <p><b>EASTERN POINT ROAD, GROTON, CT 06340 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>CARPINO PHILIP ALBERT</b> 2) <b>COLE BRIDGET MCCARTHY</b> 3) <b>MORGAN BRADLEY PAUL</b></p>
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(57) Abstract : A compounds of formula (I), wherein  $R^3$ ,  $R^4$ ,  $R^6$ ,  $R^7$ ,  $X^4$ , Q and HET are as defined above, useful for the treatment or prevention of disorders, diseases or conditions responsive to the activation of melanocortin receptor.

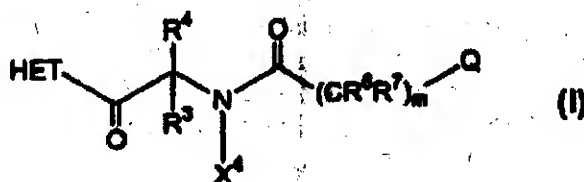


Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01622/MUM A (PCT/CAS/00096)	(22) Date of filing of Application: 15/11/2002
(54) Title of the invention: NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS	
(51) International classification: C07D 471/14 (30) Priority Data : (31) Document No.: 1) 60/212,329 2) 60/256,638 (32) Date : 1) 16/06/2000 2) 18/12/2000 (33) Name of convention country : U.S.A. (66) Filed U/s. 5(2) : YES (61) Patent of addition to application No.: NIL (62) Filed on : N.A. (63) Divisional to Application No.: NIL (64) Filed on: N.A.	(71) Name of the Applicant: <b>BOEHRINGER INGELHEIM (CANADA) LTD,</b>  Address of the Applicant: <b>2100 CUNARD STREET, LAVAL, QUEBEC H7S 2G5 CANADA,</b>  (72) Name of the Inventors: <b>SIMONEAU BRUNO</b>

(57) Abstract : Provided are compounds of general formula (I), wherein  $R^2$  is selected from the group consisting of H, F, Cl,  $(C_{1-4})$  alkyl,  $(C_{3-4})$  cycloalkyl and  $CF_3$ ;  $R^4$  is H or Me;  $R^5$  is H, me or Et, with the proviso that  $R^4$  and  $R^5$  are not both me, and if  $R^4$  is Me then  $R^5$  cannot be Et;  $R^{11}$  is Et, cyclopropyl, propyl, isopropyl, or isobutyl; and Q is selected from the group consisting of \*II), (III), (IV) and (V); and pharmaceutically acceptable salts thereof, as inhibitors of HTV reverse transcriptase, wild-type and several mutant strains,

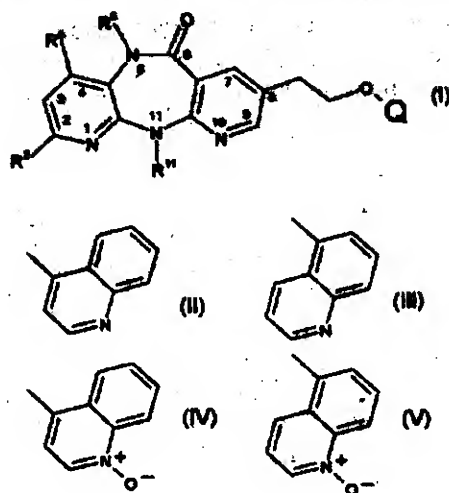


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01623/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/IB01/00946) Application:

(54) Title of the invention: **HYGROMYCIN A DERIVATIVES FOR THE TREATMENT OF BACTERIAL AND PROTOZOAL INFECTIONS**

<p>(51) International classification: C07H 15/203</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/209,023</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PFIZER PRODUCTS INC.</b></p> <p>Address of the Applicant:</p> <p><b>EASTERN POINT ROAD, GROTON, CT 06340, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>HAYWARD MATTHEW MERRILL</b> 2) <b>LINDE ROBERT GERALD</b> 3) <b>KANEKO TAKUSHI</b> 4) <b>VISSER MICHAEL SCOTT</b></p>
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(57) Abstract : This invention relates to compounds of formula (1) and to pharmaceutically acceptable salts, prodrugs and solvates thereof, wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^{10}$  are as defined herein. The compounds of formula (1) are antibacterial and antiprotozoal agents that may be used to treat various bacterial and protozoal infections and disorders related to such infections. The invention also relates to pharmaceutical compositions containing the compounds of formula (1), methods of treating bacterial and protozoal infections by administering the compounds of formula (1).

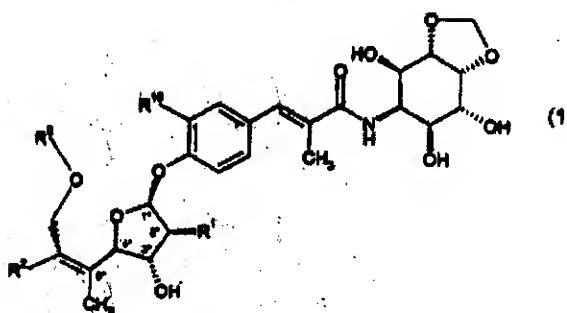


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01624/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/17840) Application:

(54) Title of the invention: DUAL DRIVE BUCK REGULATOR

(51) International classification: H02M 3/158

(30) Priority Data :

(31) - Document No.: 09/602,163

(32) Date: 22/06/2000

(33) Name of convention country: U.S.A.

(66) Filed U/s. 5(2): NO

(61) Patent of addition to application No.: NIL

(62) Filed on: N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant:

2200, MISSION COLLEGE  
BOULEVARD, SANTA CLARA,  
CALIFORNIA 95052.  
U.S.A.

(72)

Name of the Inventors:

DON NGUYEN

**(57) Abstract: A switching regulator comprising:**

A switching regulator of the step down variety is disclosed. First and second transistors coupled in parallel between a first supply node and a first output node are controlled by a driver stage to sequentially (1) switch on the first transistor, (2) switch on the second transistor, (3) switch off the second transistor, and (4) switch off the first transistor. The first transistor is smaller than the second transistor, such that the first transistor can switch faster than the second transistor, thereby reducing power dissipation during the time intervals in which both transistors are switching. Such a design allows an increase in switching frequency without the conventional increase in power dissipation, in return for a relatively inexpensive change of adding an additional, smaller transistor in parallel with a larger one, and associated circuitry in the driver stage.

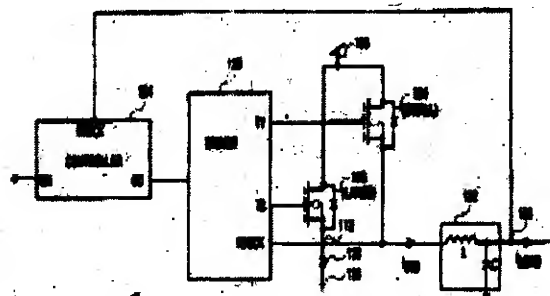


Figure: 4

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: **IN/PCT/2002/01625/MUM A** (22) Date of filing of Application: **15/11/2002**  
(PCT/EP/02/377)
- (54) Title of the invention: **PROCESS FOR THE PREPARATION OF PESTICIDAL COMPOUNDS AND NOVEL INTERMEDIATES THEREOF**
- |  |   |
|--|---|
| <p>(51) International classification: <b>C07D 231/44</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) <b>60/210,803</b> 2) <b>01100893.5</b></p> <p>(32) Date : 1) <b>09/06/2000</b> 2) <b>16/01/2001</b></p> <p>(33) Name of convention country : 1) <b>U.S.A.-</b><br/>2) <b>EUROPE</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p> | <p>(71) Name of the Applicant:</p> <p><b>AVENTIS CROPSCIENCE S.A.</b></p> <p>Address of the Applicant:</p> <p><b>55, AVENUE RENE CASSIN, CP 106, F-69266 LYON CEDEX 09, FRANCE</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>ROUSSEAU JEAN-FRANCOIS</b><br/>2) <b>BUFORN ALBERT</b></p> |
|--|---|

(57) Abstract : A process for the preparation of a compound of formula (I) wherein:  $R^1$  is CN or  $CSNH_2$ ; X is N or  $CR^4$ ;  $R^2$  and  $R^4$  are, each, independently hydrogen or chlorine;  $R^3$  is halogen, haloalkyl, haloalkoxy or  $SF_5$ ;  $R^5$  and  $R^6$  are each independently an alkyl group; and n is 0, 1 or 2; which process comprises (a) a first step of reacting a compound of formula (II), wherein the various symbols are as defined above and W is H, with an alkylating agent of formula (III):  $R^6-Y$ , wherein  $R^6$  is as defined above and Y is a leaving group. The process may also have an intermediate step of reacting compound (II) initially with an inorganic salt or an organic base prior to the addition of the alkylating agent. The intermediate compounds are also claimed as novel compounds.

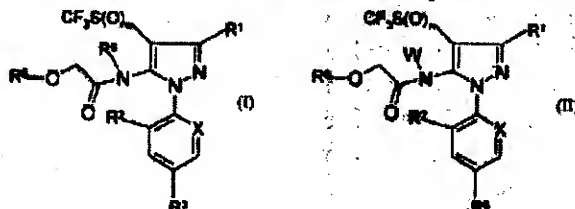


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01626/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/15597) Application:

(54) Title of the invention: CONTINUOUS PRODUCTION OF PHARMACEUTICAL GRANULATION

(51) International classification: B01J 2/20

(30) Priority Data :

(31) Document No.: 09/576,373

(32) Date : 22/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

WARNER-LAMBERT COMPANY

Address of the Applicant:

201 TABOR ROAD, MORRIS PLAINS,  
NJ 07950, U.S.A.

Name of the Inventors:

(72)

- 1) GHEBRE-SELLASSIE ISAAC
- 2) MOLLAN MATTHEW J. JR.
- 3) PATHAK NITIN
- 4) LODAYA MAYUR
- 5) FESSEHAJE MEBRAHTU
- 6) SHAH UMANG

(57) Abstract : A single pass, continuous, automated system for producing a pharmaceutical granulation includes multiple feeders to feed powders and liquids, a twin screw processor to granulate, a radio frequency or microwave based drying apparatus to dry the granulation, and at least one mill to process the dried granulation to desired particle sizes. The system incorporates means for monitoring key process parameters on-line. The granulation produced can be compressed into a tablet or incorporated into a capsule, both having a uniform distribution of the active ingredient. The system produces product having consistent properties even when production is scaled up for manufacture of the tablet in commercial volume. A single pass, continuous, automated system for producing a high dose pharmaceutical granulation from a low density active ingredient, includes multiple feeders to feed powders and liquids, a twin screw processor to granulate, a radio frequency or microwave based drying apparatus to dry the granulation, and at least one mill to process the dried granulation to desired particle sizes. The system produces product having consistent properties even when production is scaled up for manufacture of the tablet in commercial volume. The twin screw processor has first and second conveying elements, with a mixing element in between the conveying elements, and the second conveying element has at least one pitch less than at least one pitch of the first conveying element. The system also permits the optimization of a number of other design parameters, such as a location and feed rate of a side stuffer and a liquid feeder, the rotational speed of the granulator itself, and the final granulation size. The system is particularly suitable for producing a granulation of nelfinavir mesylate along with excipients, including calcium silicate, for a high dose product.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01627/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/EP02/01724)

(54) Title of the invention: **TEETH CLEANING DEVICE**

<p>(51) International classification: B01J 2/20</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 101 12 601.8 2) 101 59 395.3</p> <p>(32) Date : 1) 14/03/2001 2) 04/12/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant: <b>BRAUN GMBH</b></p> <p>Address of the Applicant: <b>FRANKFURTER STRASSE 145, 61476 KRONBERG, GERMANY,</b></p> <p>(72) Name of the Inventors: 1) HILSCHER ALEXANDER 2) REICK HANSJORG 3) STRATMANN MARTIN 4) TRAWINSKI PETER 5) VORBECK WOLFGANG 6) SCHWARZ-HARTMANN ARMIN</p>
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**(57) Abstract :**

The invention relates to a handle (10) of an electric teeth cleaning device comprising a coupling element (30) for mechanically coupling a brush (20), a drive (22) for the brush (20) and a control function (18) for the drive (22), said control function (18) comprising an operation locking function (36), which can be activated and deactivated by a release function (38), in particular of the brush (20). The handle (10) has a read function (44) and a coil (46) as a coupling function for the contactless transmission and reading of single or multiple data of the release function (38). The operation locking function (36) is activated or deactivated in accordance with an output signal of the read function (44).

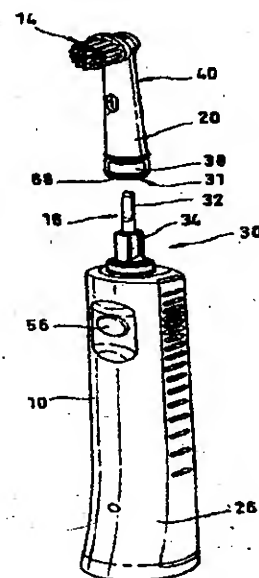


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01628/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/14763) Application:

(54) Title of the invention: **BICYCLIC CYCLOHEXYLAMINES AND THEIR USE AS NMDA RECEPTOR ANTOAGONISTS**

<p>(51) International classification: <b>C07D 263/58</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>60/208,241</b></p> <p>(32) Date : <b>31/05/2000</b></p> <p>(33) Name of convention country : <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>WARNER-LAMBERT COMPANY</b></p> <p>Address of the Applicant:</p> <p><b>201 TABOR ROAD, MORRIS PLAINS, NJ 07950</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>NIKAM SHAM SHRIDHAR</b> 2) <b>SCOTT IAN LESLIE</b> 3) <b>SHERER BRIAN ALAN</b> 4) <b>WISE LAWRENCE DAVID</b></p>

(57) Abstract : Described are bicycle-substituted cyclohexylamines of Formula (I) and their pharmaceutically acceptable salts thereof. The compounds are antagonists of NMDA receptor channel complexes useful for treating cerebral vascular disorders such as, for example, cerebral ischemia, cardiac arrest, stroke, and parkinson's disease. The substituents are defined in the specification.

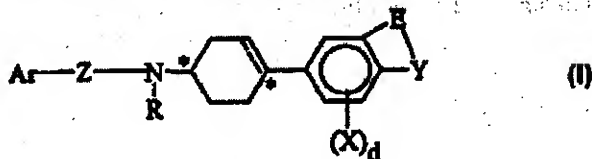


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01629/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/US01/16155)

(54) Title of the invention: **RUBBER COMPOSITIONS AND METHOD FOR INCREASING THE MOONEY SCORCH VALUE**

<p>(51) International classification: C08K 5/40</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/590,320</p> <p>(32) Date : 08/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>UNIROYAL CHEMICAL COMPANY</b></p> <p>Address of the Applicant:</p> <p><b>199 BENSON ROAD, MIDDLEBURY, CT 06749, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) HANNON MARTIN J.</b>  <b>2) HONG SUNG WHEE</b>  <b>3) CORNELL ROBERT J.</b></p>
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**(57) Abstract :**

A rubber composition is disclosed wherein the rubber composition contains at least (a) a rubber component; (b) a silica filler; and, (c) at least one thiuram disulfide accelerator, it being provided that diphenyl guanidine is substantially absent in the rubber composition. The compositions may also include suitable amounts of other ingredients such as carbon black, coupling agents, antiozonants, antioxidants, etc.

Figure: NIL



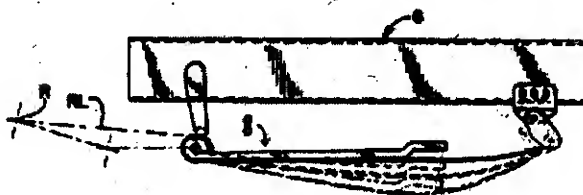
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application IN/PCT/2002/01630/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/15238) Application:
- (54) Title of the invention: TRUCK SUSPENSIONS INCORPORATING ASYMMETRIC LEAF SPRINGS

<p>(51) International classification: B60G 11/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/572,736</p> <p>(32) Date : 17/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>THE BOLER COMPANY</p> <p>Address of the Applicant:</p> <p>500 PARK BOULEVARD, ITASCA, IL 60143 U.S.A.</p> <p>(72) Name of the Inventors:</p> <p>1) DUDDING ASHLEY T. 2) MILLER LAWRENCE EDWARD 3) WILSON WILLIAM</p>
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(57) Abstract :



A suspension system (5) as shown in figure 2 for supporting fore-and-aft extending frame members (6) of a vehicle chassis on a hollow axle (7) including a frame bracket (18) for pivotally supporting therefore or leading end of an asymmetric leaf spring (8), a spring end support (17) for supporting the aft or trailing end of the leaf spring, and an assembly for attaching the leaf spring at a location intermediate its opposite ends. The leaf spring is divided into two cantilever limbs (21, 22) extending in opposite directions from the centre line of the axle (7). One cantilever limb has a thickness substantially thicker than the other cantilever limb. At least one leaf of the asymmetric leaf spring extends the full length of the leaf spring. In a particular embodiment the shorter leaf has an end portion extending over the axle with an air spring (10) mounted either on the axle or on one side thereof

Figure: 4

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01631/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/US01/17320)

(54) Title of the invention: **PROCESS FOR THE PURIFICATION OF A SALT OF CLAVULANIC ACID**

<p>(51) International classification: C07D 498/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0011521.2 2) 0011519.6</p> <p>(32) Date : 1) 13/05/2000 2) 13/05/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SMITHKLINE BEECHAM P.L.C.</b></p> <p>Address of the Applicant:</p> <p><b>NEW HORIZONS COURT, BRENFORD, MIDDLESEX TW8 9EP, GREAT - BRITAIN</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) ZHANG GUO 2) MCKNIGHT JOHN</b></p>
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(57) Abstract : A process in which a salt of clavulanic acid, typically an amine salt or an alkali metal salt is exposed to conditions, particularly a pH of less than 6.0, which reduces the quantity of contaminating impurities. The process may be a washing process, a recrystallisation process or a preparative process.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01632/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/17320) Application:

(54) Title of the invention: **IMPROVEMENT IN BLOOD FILTERS, BLOOD COLLECTION AND PROCESSING SYSTEMS, AND METHODS THEREFOR**

<p>(51) International classification: B01D 29/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/579,590 2) 2000-208736 3) 2000-208737</p> <p>(32) Date : 1) 26/05/2000 2) 10/07/2000 3) 10/07/2000</p> <p>(33) Name of convention country : 1) U.S.A. 2) JAPAN 3) JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A</p>	<p>(71) Name of the Applicant:</p> <p>1) BAXTER INTERNATIONAL 2) ASAHI MEDICAL CORPORATION</p> <p>Address of the Applicant:</p> <p>1) ONE BAXTER PARKWAY, DEERFIELD, ILLINOIS, 60015, U.S.A. 2) 1-1-2 YURAKUCHO, CHIYODA-KU, TOKYO 100-8440, JAF -N,</p> <p>Name of the Inventors:</p> <p>(72) 1) LYNN DANIEL R. 2) WONS ALLEN R. 3) MESPREUVE LUE 4) VANDENDAUl DANIEL 5) SOUDANT GREGORY 6) MUI TAT C. 7) KARLOVSKY DANIEL M. 8) MURPHEY RANDY 9) CALHOUN DANIEL R. 10) OKA SHIN-ICHI-ROH 11) TSUJI MICHIIHIRO</p>
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**(57) Abstract :**

A blood collection system has a container for holding blood and a filter communicating with the container, mutually arranged for handling as a unit. The filter (20) contains a fibrous filter medium (28) housed within two flexible sheets (32, 34) of plastic. A first seal (36) joins the sheets (32, 34) directly to the filter medium (28) inboard of the peripheral edge (40) of the filter medium (28), and a second seal (38) joins the sheets (32, 34) outboard of the peripheral edge (40) of the filter medium (28). A region (42) of the filter medium (28) extends between the first and second seals (36, 38) to cushion contact with the filter housing during handling.

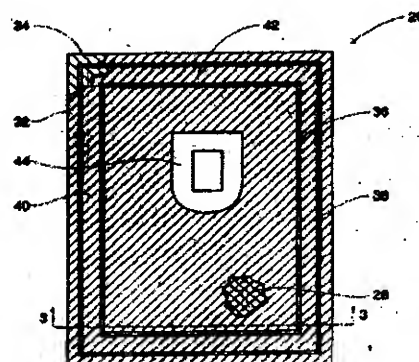


Figure: 2

**Figure: 8**

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01634/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/29650) Application:

(54) Title of the invention: **SELECTIVE INACTIVATION AND COPY PROTECTION**

(51) International classification: H01D 5/91

(30) Priority Data :

(31) Document No.: 1) 09/709,948  
2) 09/841,792  
3) 09/870,879  
4) 09/892,015  
5) 09/933,696

(32) Date: 1) 10/11/2000 2) 24/04/2001  
3) 30/05/2001 4) 25/06/2001  
5) 20/08/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**PREDI WAVE CORP.**

Address of the Applicant:

**SUITE 107, 48501  
WARM SPRINGS BOULEVARD,  
FREMONT, CA 94539 U.S.A.**

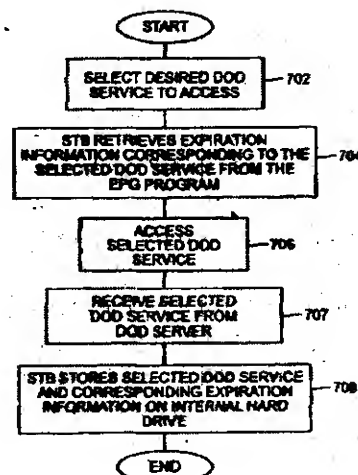
(72) Name of the Inventors:

**HOANG KHOI**

**(57) Abstract :**

The present invention teaches a method for selectively preventing the access by a client to data-on-demand (DOD) services comprising the acts of: receiving at least one DOD service (706, 707), and receiving at least one associated expiration information packet corresponding to the at least one DOD service (704), wherein the at least one expiration information packet indicates a first predetermined time after which the at least one DOD service may no longer be accessed; and storing at least a portion of the at least one DOD service in memory location (708). In a second embodiment the method further comprises the act of receiving at least one associated copy protection information packet corresponding to the at least one DOD service (804, 834, 854), wherein the at least one copy protection information packet indicates a second predetermined time after which copying of the at least one DOD service will be hindered.

**Figure: 9**



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01635/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/US01/32315)

(54) Title of the invention: **DIGITAL DATA-ON-DEMAND BROADCAST CABLE MODEM TERMINATION SYSTEM**

(51) International classification: H04H

(30) Priority Data :

(31) Document No.: 1) 09/709,948  
2) 09/841,792  
3) 09/870,879  
4) 09/892,015  
5) 09/892,017  
6) 09/902,503  
7) 09/933,696  
8) 09/967,749

(32) Date : 1) 10/11/2000 2) 24/04/2001  
3) 30/05/2001 4) 25/06/2001  
5) 25/06/2001 6) 09/07/2001  
7) 20/08/2001 8) 27/09/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**PREDI WAVE CORP.**

Address of the Applicant:

**48501 WARM SPRINGS BLVD,  
SUITE 107, FREMONT,  
CA 94539 U.S.A.**

(72) Name of the Inventors:

**HOANG KHOI**

(57) Abstract : The present invention teaches methods and systems for providing a cable modem termination system (CMTS) for enabling a data-on-demand (DOD) digital broadcast system to provide digital DOD services via a communications medium over one or more channels, the cable modem termination system comprising: a communications network interface for receiving at least one DOD service from the DOD digital broadcast system, wherein the DOD service is formatted as a stream of data blocks arranged in a schedule such that a first data block of the DOD service may be accessed at any selected time period; a uni-directional network interface for providing the stream of data blocks to a plurality of users, wherein the users may access the first data block at any time period and may access subsequent data blocks of the stream of data blocks thereby accessing the at least one DOD service.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01636/MUM A (22) Date of filing of Application: 15/11/2002  
(PCT/US01/20794)

(54) Title of the invention: COUNTERFEIT STB PREVENTION THROUGH PROTOCOL SWITCHING

(51) International classification: H04N 7/18

(30) Priority Data :

(31) Document No.: 1) 09/709,948  
2) 09/841,792  
3) 09/892,015

(32) Date : 1) 10/11/2000 2) 24/04/2001  
3) 25/06/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PREDI WAVE CORP.

Address of the Applicant:

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WARM SPRINGS BOULEVARD,  
FREMONT, CA 94539 U.S.A.

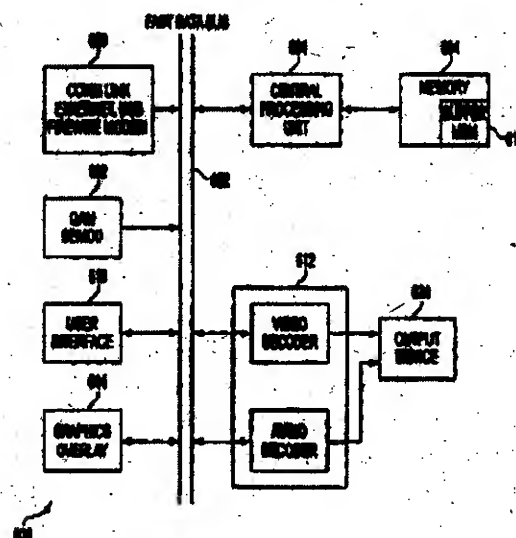
(72) Name of the Inventors:

HOANG KHOI

**(57) Abstract :**

The present invention teaches a universal STB operative to prevent unauthorized access to digital broadcast data including a databus (622); a first communication device (602) suitable for coupling to a digital broadcast communications medium, the first communication device operable to receive digital broadcast data; memory (608) bi-directionally coupled to the databus, the memory including computer executable instructions for: a) determining whether the STB is authentic or counterfeit; b) performing anti-counterfeit measures upon the STB when the device is determined to be counterfeit; and c) updating a communications protocol of the STB when the STB is determined to be authentic; a digital data decoder (612) bi-directionally coupled to the databus; a CPU (604) bi-directionally coupled to the databus, the CPU implementing a STB control process controlling the memory, the first communications device and the digital decoder, the STB control process operable to process digital data received at the first communications device.

Figure: 8



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

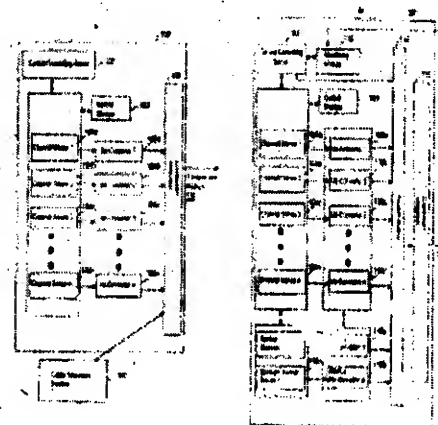
(21) Application IN/PCT/2002/01637/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US00/22989) Application:

(54) Title of the invention: **SYSTEMS AND METHODS FOR PROVIDING VIDEO-ON-DEMAND SERVICES FOR BROADCASTING SYSTEM**

<p>(51) International classification: G06F 15/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/584,832</p> <p>(32) Date : 31/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PREDI WAVE CORP.</b></p> <p>Address of the Applicant:</p> <p><b>46500 FREMONT BOULEVARD, SUITE 712, FREMONT, CA 94538 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>HOANG KHOI</b></p>
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**(57) Abstract :**

A method for sending data to a client to provide data-on-demand services, for example in a Cable Television System (120), comprises the steps of: receiving a data file, specifying a time interval, parsing the data file into a plurality of data blocks based on the time interval such that each data block is displayable during a time interval, determining a required number of time slots to send the data file, allocating to each time slot at least a first of the plurality of data blocks and optionally one or more additional data blocks, such that starting from any of the time slots, (i) the data file can be displayed by accessing the first of the plurality of data blocks, (ii) at a conservative time slot, a next block sequential to a prior displayed data block is available for displaying, and (iii) repeating step (ii) until all of the plurality of data blocks for the data file has been displayed, and sending the plurality of data blocks based on the allocation step.



**Figure: 1A, 1B**



**Publication After 18 months**

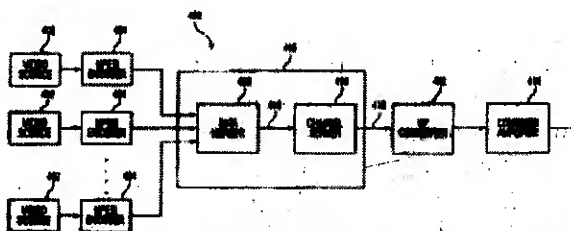
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01638/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/17993) Application:

(54) Title of the invention: UNIVERSAL STB ARCHITECTURES AND CONTROL METHODS

<p>(51) International classification: G06F 15/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/584,832 2) 09/709,948 3) 09/841,792 4) 09/870,879</p> <p>(32) Date : 1) 31/05/2000 2) 10/11/2000 3) 24/04/2001 4) 30/05/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PREDI WAVE CORP.</b></p> <p>Address of the Applicant;</p> <p><b>SUITE 107, 48501 WARM SPRINGS BOULEVARD, FREMONT, CA 94539 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>HOANG KHOI</b></p>
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(57) Abstract :



The present invention teaches methods and systems for providing full digital services in a non client specific manner such as VOD, digital broadcast, as well as a universal set-top-box (STB) capable of handling this variety of digital services. A plurality of hardware architectures and complimentary data transmission methods identifying the distinct services through an electronic program guide enable such transmission. The universal STB of the present invention is capable of distinguishing the different services based on information received in the electronic program guide, and is capable of processing non client specific data via a dat-manger (408). The present invention further provides viewing options such as multiple broadcasts and virtual time-shifting features including pausing, recording, and freeze framing a broadcast. Still further, this variety of digital services can be provided via a uni-directional communication link.

Figure: 7

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01639/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/21832) Application:

(54) Title of the invention: **CONTROLLING DATA-ON-DEMAND CLIENT ACCESS**

(51) International classification: H04N 7/16	(71) Name of the Applicant:
(30) Priority Data :	<b>PREDIWAVE CORP.</b>
(31) Document No.: 1) 09/709,948 2) 09/841,792 3) 09/870,879 4) 09/892,015 5) 09/902,503	Address of the Applicant:
(32) Date : 1) 10/11/2000 2) 24/04/2001 3) 30/05/2001 4) 25/06/2001 5) 09/07/2001	<b>SUITE 107, 48501 WARM SPRINGS BOULEVARD, FREMONT, CA 94539 U.S.A.</b>
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2): NO	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	<b>HOANG KHOI</b>
(64) Filed on: N.A.	

**(57) Abstract :**

The present invention teaches a method for controlling client access to DOD services, comprising: receiving a subscription data packet (632) including at least one associated client identification code (634), at least one associated subscription level code (636), and at least one associated service level code (638); and storing at least a portion of the at least one associated subscription level code in a memory location; storing the at least one associated service level code in a memory location; receiving a first service having a subscription level; and wherein the subscription level code corresponds to the subscription level, accessing the first service. The method further includes: receiving a second service having at least one associated service level; and wherein the at least one associated service level code corresponds to the at least one associated service level, accessing at least a portion of the second service.

Figure: 9

630

632

STB ID	SUB. LEVEL CODE	SER. LEV. CODE	WARNING CODE
STB ID	SUB. LEVEL CODE	SER. LEV. CODE	WARNING CODE
STB ID	SUB. LEVEL CODE	SER. LEV. CODE	WARNING CODE
STB ID	SUB. LEVEL CODE	SER. LEV. CODE	WARNING CODE
STB ID	SUB. LEVEL CODE	SER. LEV. CODE	WARNING CODE

634      636      638      640

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01640/MUM A (22) Date of filing of 15/11/2002  
No.: (PCT/US01/20679) Application:
- (54) Title of the invention: **DECREASED IDLE TIME AND CONSTANT BANDWIDTH DATA-ON-DEMAND BROADCAST DELIVERY MATRICES**

<p>(51) International classification: H04N 7/173</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/709,948 2) 09/841,792 3) 09/892,017</p> <p>(32) Date : 1) 10/11/2000 2) 24/04/2001 3) 25/06/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PREDI WAVE CORP.</b></p> <p><b>Address of the Applicant:</b></p> <p><b>SUITE 107, 48501 WARM SPRINGS BOULEVARD, FREMONT, CA 94539 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>HOANG KHOI</b></p>
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**(57) Abstract :**

A method and system for a decreased idle time scheduling matrix (520) for a data file reduced into data blocks. A scheduling matrix is generated and idle time is filled with data blocks that appear later in the matrix, keeping with the original sequence of data blocks. This is then repeated (550), or equally a new decreased idle time scheduling matrix is created (560). Specially designed set-top boxes receive these data blocks.

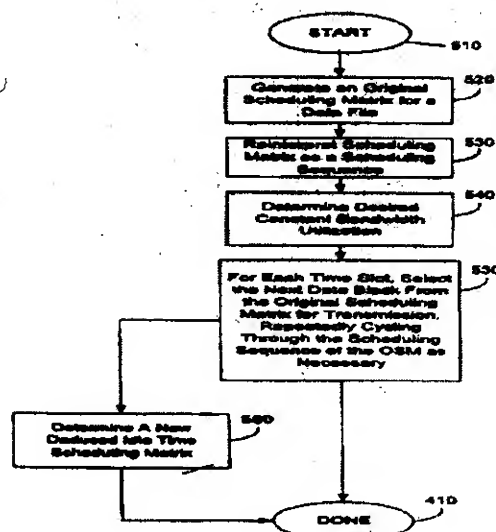


Figure: 9

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01641/MUM A No.: (PCT/US02/00885)	(22) Date of filing of Application: 18/11/2002
(54) Title of the invention: <b>INK-JET PRINTER HAVING CARRIAGE AND FLEXIBLE CIRCUIT MOVABLY CONNECTED, METHOD AND APPARATUS</b>	
(51) International classification: B41J 2/01  (30) Priority Data :  (31) Document No.:09/769,043  (32) Date : 24/01/2001  (33) Name of convention country : U.S.A.  (66) Filed U/s. 5(2) : NO  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  <b>HEWLETT-PACKARD COMPANY</b>  Address of the Applicant:  <b>LEGAL DEPARTMENT, M/S 21 BN, 3000 HANOVER STREET, PALO ALTO, CA 94304-1112 U.S.A.</b>  (72) Name of the Inventors:  1) MCARDLE KAREN 2) SCHOLZ MARCUS 3) CARD STEVEN R.

**(57) Abstract :**

An ink-jet printer includes a carriage (84) having a flexible circuit (96) connecting to the carriage (84) in a relatively movable but movably constrained relationship. The carriage (84) and flexible circuit cooperatively define an instant center (106, 118) so that an array of electrical contact pads (104) of the flexible circuit is reliably and repeatably positioned relative to the carriage, while manufacturing variabilities and thermal differential expansions between the carriage and flexible circuit, for example, are accommodated without loss of relative positional control of the array of contact pads (104) and the carriage (84).

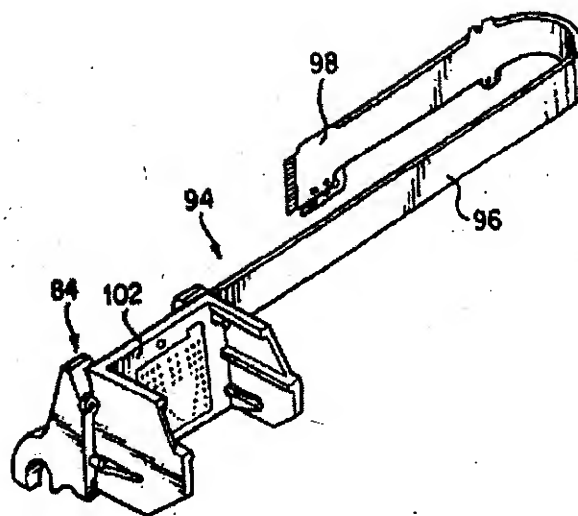


Figure: 10

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01642/MUM A** (22) Date of filing of Application: **18/11/2002**  
(PCT/SE01/01349)

(54) Title of the invention: **A BANKNOTE-HANDLING SYSTEM**

(51) International classification: **G06F 17/60**

(30) Priority Data :

(31) Document No.: **0002248.3**

(32) Date : **16/06/2000**

(33) Name of convention country : **SWEDEN**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**NYBOHOV DEVELOPMENT AB**

Address of the Applicant:

**P.O.BOX 47041,  
S-100 74 STOCKHOLM,  
SWEDEN,**

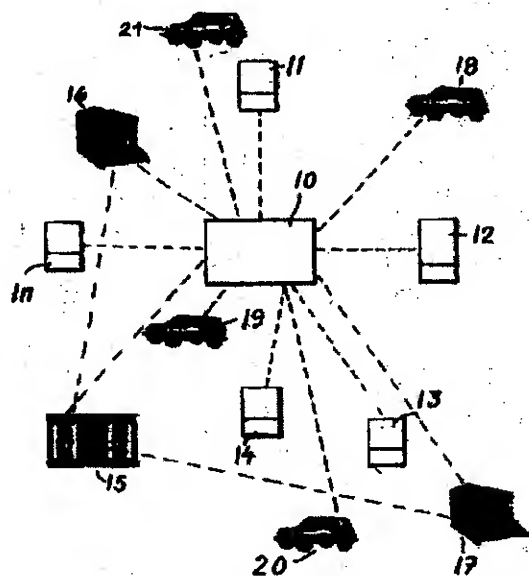
(72) Name of the Inventors:

**LUNDBLAD LEIF**

**(57) Abstract :**

A banknote-handling system includes a plurality of banknote-handling machines (11, 12, ...); a plurality of banks (16, 17) for accounting purposes, etc; a co-ordinating central unit (10); a transport system (18, 19 ...) for transporting banknotes between the machines and the banks; a central bank (15) for monitoring the activity and banknote-handling of respective banks; and an electronic information and signal transmission system (1-2) for enabling individual and co-operative activities of the units to be achieved. The information and signal transmission system (1-2) is divided into two subsystems. One subsystem (1) includes the transmission of information and signals that relate to and have their basis in transactions between the banks (16, 17) and the general public/businesses relating to their activities in respect of banknote-handling. The other subsystem (2) includes the purely administrative and technical signal transmission required for the requisite co-operation between the various units included in the system, for instance co-ordinating central unit-vehicles, banknote-handling machines-banks, within the banknote-handling system.

Figure: 2



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01643/MUM A No.: (PCT/IB01/00863)	(22) Date of filing of Application: 18/11/2002
(54) Title of the invention: MINING METHOD	
(51) International classification: E21C 41/16  (30) Priority Data :  (31) Document No.: 1) 2000/2493 2) 2000/4862  (32) Date : 1) 19/05/2000 2) 13/09/2000  (33) Name of convention country : SOUTH – AFRICA  (66) Filed U/s. 5(2) : NO  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  ESKOM  Address of the Applicant:  MEGAWATT PAARK, MAXWELL DRIVE, 2196 SANDTON, GAUTENG PROVINCE, SOUTH AFRICA  (72) Name of the Inventors:  1) FOURIE DIRK BERNHARD 2) VAN EEDEN CHRISTIAAN HIERONYMANS BORNMAN

**(57) Abstract :**

A method of mining an underground ore body, includes the steps of excavating at least one first tunnel in the ore body by means of an auger mining machine, and excavating at least one second tunnel in the ore body, the, or each, second tunnel coinciding in at least one point with at least one associated first tunnel. The invention extends to a method of backfill mining of an underground ore body, the method including the steps of excavating at least one first region of the ore body to retain at least one second region defined in the ore body, the, or each, second region providing a first support for a roof of the mine; backfilling at least one of the excavated first regions to provide a second support for the roof of the mine; and excavating at least a portion of the, or at least one of, the second regions of the ore body.

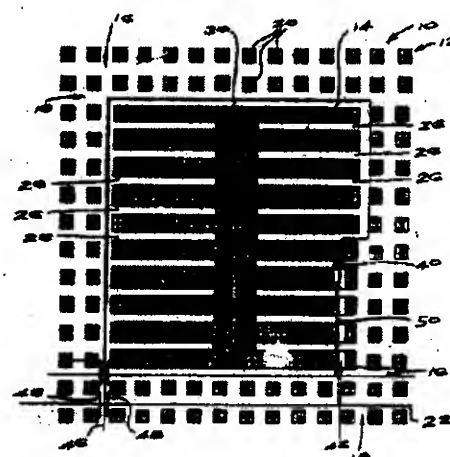


Figure: 3

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01644/MUM A (22) Date of filing of 18/11/2002  
No.: (PCT/EP01/05780) Application:

(54) Title of the invention: **DIMENSIONALLY STABLE GAS DIFFUSION ELECTRODE**

<p>(51) International classification: H01M 4/86</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 27 339.4</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368 LEVERKUSEN, GERMANY</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>GESTERMANN FRITZ</b> 2) <b>PINTER HANS-DIETER</b> 3) <b>SOPPE ALFRED</b> 4) <b>WEUTA PETER</b></p>
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**(57) Abstract :**

The invention relates to a dimensionally stable gas diffusion electrode and to a method for producing the same. The inventive electrode comprises at least one electroconducting catalyst substrate for receiving a coating mass that contains a catalyst material, and one electrical connection. The catalyst substrate (4; 11) may be a tissue, a nonwoven, a foam, a sintered metal body or felt from a electroconducting material, an expanded metal plate or a metal plate that is provided with a multitude of openings (2, 8), on which the coating material (5) that contains the catalyst material is applied. The catalyst substrate, if not sufficiently rigid itself, is firmly linked with a gas-permeable, alkali-resistant metal base plate (1; 7), especially produced from nickel or one of its alloys in a mechanical and electroconducting manner.

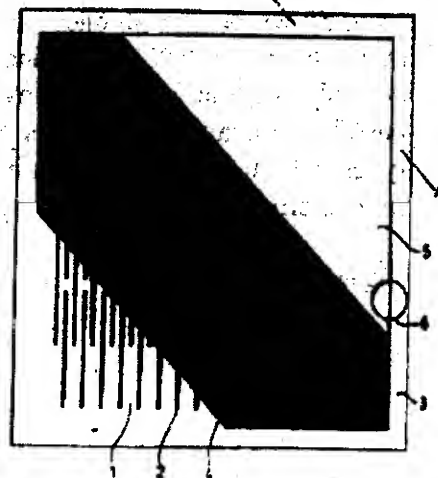


Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: **IN/PCT/2002/01645/MUM A** (22) Date of filing of Application: **18/11/2002**  
(PCT/EP01/05970)
- (54) Title of the invention: **BRANCHED COPOLYMERS BASED ON UNSATURATED NITRILES AND ON CONJUGATED DIENES**

<p>(51) International classification: <b>C08F 236/12</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>100 27 768.3</b></p> <p>(32) Date: <b>07/06/2000</b></p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368 LEVERKUSEN, GERMANY</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>MAGG HANS</b> 2) <b>MARINELLI LUIGI</b> 3) <b>JOSTEN ROLF</b> 4) <b>WINKELBACH HANS-RAFAEL</b></p>
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(57) Abstract : The invention relates to branched copolymers based on unsaturated nitriles and on conjugated dienes. The branched copolymers are characterized in that; the content of bound unsaturated nitrile ranges from 15 to 50 wt. %; the Mooney viscosity ranges from 15 to 150 M.E. [ML 1 + 4/100°C]; the chain branching ranges from 0 to 20°C (determined by the  $\Delta\delta_B$  value), and; the solubility, measured in methyl ethyl ketone, is  $\geq 85$  wt. % at 20°C. The inventive copolymers can be used for producing hydrogenated copolymers based on unsaturated nitriles and on conjugated dienes (HNBR), for producing shaped bodies of all types, which are produced in injection molding or extrusion methods, and for improving the flowability of elastomers.

Figure: **NIL**



**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01646/MUM A (22) Date of filing of 18/11/2002  
No.: (PCT/EP01/07148) Application:

(54) Title of the invention: **MEDICINAL PRODUCT PACKAGE FOR ERADICATION THERAPY**

(51) International classification: A61J 7/04  
(30) Priority Data :  
(31) Document No.: 100 30 318.8  
(32) Date : 27/06/2000  
(33) Name of convention country : GERMANY  
(66) Filed U/s. 5(2) : YES  
(61) Patent of addition to application No.: NIL  
(62) Filed on : N.A.  
(63) Divisional to Application No.: NIL  
(64) Filed on: N.A.

(71) Name of the Applicant:  
  
**BYK GULDEN LOMBERG  
CHEMISCHE FABRIK GMBH**  
  
Address of the Applicant:  
  
**BYK-GULDEN-STRASSE 2,  
78467 KONSTANZ , GERMANY**  
  
(72) Name of the Inventors:  
  
**KLATT ANDREAS**

**(57) Abstract :**

The object of the present invention is to provide a medicinal product package which is suitable for microbe eradication therapy and with which the patient's compliance is increased and thus the result of therapy is improved.

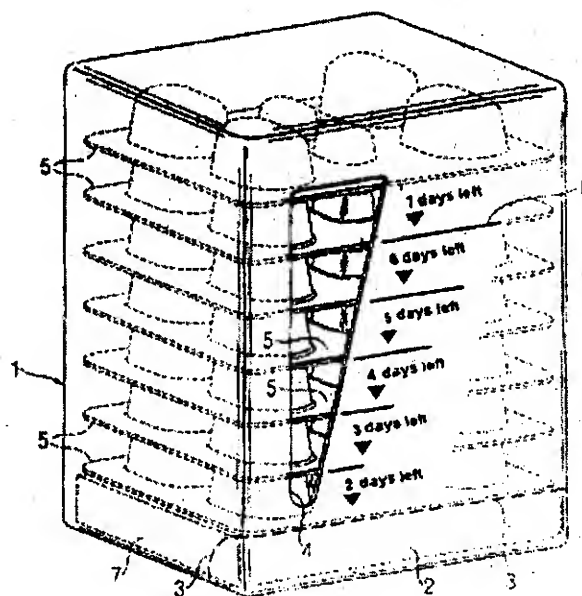


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

- (21) Application IN/PCT/2002/01647/MUM A (22) Date of filing of 18/11/2002  
No.: (PCT/US01/22274) Application:

(54) Title of the invention: **METHOD AND APPARATUS FOR INCREASING THE EFFECTIVENESS AND EFFICIENCY OF MULTIPLE BOUNDARY LAYER CONTROL TECHNIQUES**

(51) International classification: B63B 1/34, 1/38

(30) Priority Data :

(31) Document No.: 09/621, 611

(32) Date : 21/07/2000

(33) Name of convention country : U.S.A

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**CORTANA CORPORATION  
MOORE KENNETH J.**

Address of the Applicant:

1. SUITE 200, 520 N. WASHINGTON STREET, FALLS CHURCH, VIRGINIA 22046, U.S.A
2. 616 WALKER HILL LANE, GREAT FALLS, VIRGINIA 22066, U.S.A.

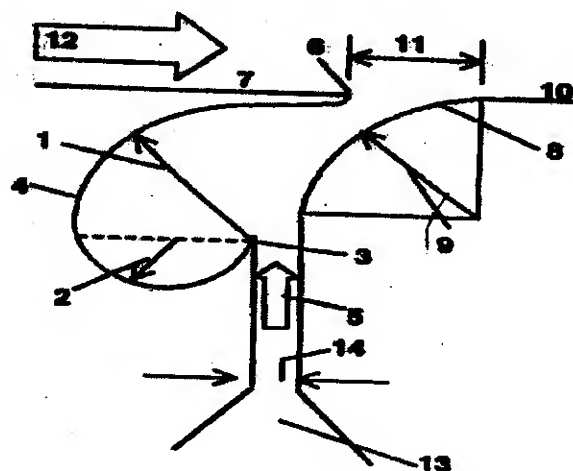
(72) Name of the Inventors:

1. MOORE KENNETH J.
2. RYAN THOMAS D.
3. GORBAN VLADIMIR A.
4. BABENKO VICTOR V.

**(57) Abstract:**

In an apparatus and method for ejecting an additive for significantly reducing the drag of a first fluid moving relative to a wall, a drag-reducing substance is conditioned by causing a second fluid (5), which includes the drag-reducing substance as a dispersed solid, liquid or gas, to flow through a nozzle (13). The second fluid is then passed by a vortex chamber (4) prior to ejection of the second fluid into the first fluid via an aperture that includes a Coanda surface (8) on a portion thereof. Additional techniques are also disclosed which increase the effectiveness and efficiency of ejecting a drag-reducing substance into a fluid that is moving relative to a wall, and which thus enable multiple layer to be established without the undesirable disruption of the boundary layer and without the rapid diffusion of the additives across the boundary layer that occur in prior art ejection techniques.

Figure: 1



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01649/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/IB01/01280) Application:

(54) Title of the invention: CRYSTALLINE THERAPEUTIC AGENT

(51) International classification: C07D 487/04	(71) Name of the Applicant:
(30) Priority Data :	PFIZER INC.
(31) Document No.: 1) 0018656.9 2) 0106464.1	
(32) Date : 1) 28/07/2000 2) 15/03/2001	Address of the Applicant:
(33) Name of convention country : UNITED-KINGDOM	235 EAST 42 <sup>nd</sup> STREET, NEW YORK, NY 10017
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) HARRIS LAURENCE JAMES
(63) Divisional to Application No.: NIL	2) STOREY RICHARD ANTHONY
(64) Filed on: N.A.	3) WOOD ALBERT SHAW

(57) Abstract : A polymorph of 1-{6-ethoxy-5-[3-ethyl-6,7-dihydro-2-(2-methoxyethyl)-7-oxo-2H-pyrazolo[4,3-d]pyrimidin-5-yl]-3-pyridylsulfonyl}-4-ethylpiperazine.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01650/MUM A (22) Date of filing of Application: 20/11/2002  
(PCT/US01/017171)

(54) Title of the invention: **SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING DATABASE QUERIES**

<p>(51) International classification: G06F 17/30</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/207,379</p> <p>(32) Date : 26/05/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>COMPUTER ASSOCIATES THINK, INC.</b></p> <p>Address of the Applicant:</p> <p><b>ONE COMPUTER ASSOCIATES PLAZA, ISLANDIA, NY 11749 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>KOSCIUSKO EDWARD</b></p> <p>2) <b>SREEKUMAR MENON</b></p> <p>3) <b>VO HUNG-VUONG</b></p> <p>4) <b>VINCENT JOHN</b></p> <p>5) <b>WERLING THOMAS</b></p> <p>6) <b>LAU JOYCE</b></p>
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(57) Abstract : A method of tuning a database query includes selecting a database query, parsing the selected database query to determine relationships between portions of the selected database query, selecting an optimization mode from a plurality of available optimization modes, tuning the selected database query by modifying at least one portion of the selected database query based on the determined relationships and the selected optimization mode and displaying the modified database query.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01651/MUM A (22) Date of filing of Application: 20/11/2002  
(PCT/CA01/00766)

(54) Title of the invention: **COMMUNICATION STRUCTURE WITH CHANNELS CONFIGURED RESPONSIVE TO RECEPTION QUALITY**

(51) International classification: H04L 12/28

(30) Priority Data :

(31) Document No.: 2,310,188

(32) Date : 30/05/2000

(33) Name of convention country : CANADA

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

SOMA NETWORK INC.

Address of the Applicant:

CHINA WHARF BASIN, SUITE 2000,  
185 BERRY STREET,  
SAN FRANCISCO, CA 94107,  
U.S.A.

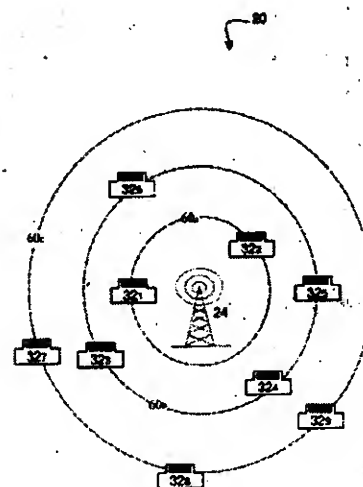
(72) Name of the Inventors:

- 1) SNELGROVE W. MARTIN
- 2) KSCHISCHANG FRANK
- 3) VAN HEESWYK FRANK M.
- 4) MANTHA RAMESH
- 5) FRAZER MARK J.

**(57) Abstract :**

A communication structure and method which allows connection-like and connectionless communications to be provided on a multiplexed link is provided. The structure and method can make efficient use of available transmission capacity and/or network resources while providing for both types of communication. Connection-like communications can be provided by a channel having allocated bandwidth dedicated to the communication while connectionless communication can be provided by a shared channel through which data can be transmitted to subscribers. In an embodiment, the shared channel transmits frames of packets addressed to one or more of the subscribers. The frames can have a robustly packaged header that can be received by all subscriber stations serviced by the base station while payload data in the frame can be packaged with a level of robustness appropriate for the intended subscriber station. Different packagings can include different encoding and/or modulation of the payload data. The allocation of bandwidth between the dedicated channels and the broadcast channel can be fixed, or can be managed to meet network or network operator requirements. The structure and method can also be managed by the network operator to permit prioritization of some communications over others. In another embodiment, two or more shared channels are provided. In another embodiment, dedicated channels can be created with different amounts of bandwidth and/or can employ modulation and/or encoding selected according to the reception quality of the recipient subscriber station.

Figure: 4



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01652/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/GB01/02592) Application:

(54) Title of the invention: SYNTHESIS OF CHLORINATED PYRIMIDINES

(51) International classification: C07D 239/30	(71) Name of the Applicant:  SYNGENTA LIMITED  Address of the Applicant:  FERNHURST, HASLEMERE, SURREY GU27 3JE, ENGLAND,
(30) Priority Data :	
(31) Document No.: 60/214,121	
(32) Date : 26/06/2000	
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) DOYLES TIMOTHY JOHN
(63) Divisional to Application No.: NIL	2) WEHRENBURG PETER KARL
(64) Filed on: N.A.	3) STANBEN MICHAEL CHARLES HENRY

(57) Abstract : A facile process for the preparation of 4,6-dichloropyrimiding is provided, which utilizes quaternary ammonium salts or quaternary phosphonium salts as catalysts for the reaction of, for example, 4,6-dihydroxypyrimidine or 4-chloro-6-methoxypyrimidine with phosgene.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01653/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/GB01/02305) Application:

(54) Title of the invention: ZEOLITE COMPOSITIONS AND THEIR USE

<p>(51) International classification: C11D 3/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0013406.4</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : UNITED-KINGDOM</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>INEOS SILICAS LIMITED</p> <p>Address of the Applicant:</p> <p>BANK QUAY, WARRINGTON, CHESHIRE WA9 1AB, ENGLAND</p> <p>(72) Name of the Inventors:</p> <p>ARAYA ABRAHAM</p>
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(57) Abstract : A method of using a zeolite composition comprises forming a mixture of (a) a crystalline aluminosilicate and (b) a salt of a second metal selected from the group consisting of group III metals, metallic elements of Group IV, magnesium, titanium, chromium, iron, nickel, copper, zinc, zirconium and silver, said salt of a second metal being present in an amount which is sufficient to replace from about 2.0 to about 40 per cent of a first metal moiety, and using said mixture in an aqueous composition at a pH in the range 4 to 10. A further aspect of the invention is a powder comprising a mixture of (a) a crystalline aluminosilicate and (b) a salt of a second metal selected from the group consisting of group III metals, metallic elements of Group IV, magnesium, titanium, chromium, iron, nickel, copper, zinc, zirconium and silver, said salt of a second metal being present in an amount which is sufficient to replace from about 2.0 to about 40 per cent of a first metal moiety. Methods according to the invention include paper making, pain preparation, dental applications, use of detergents and adsorption and catalytic applications.

Figure: NIL

### Publication After 18 months

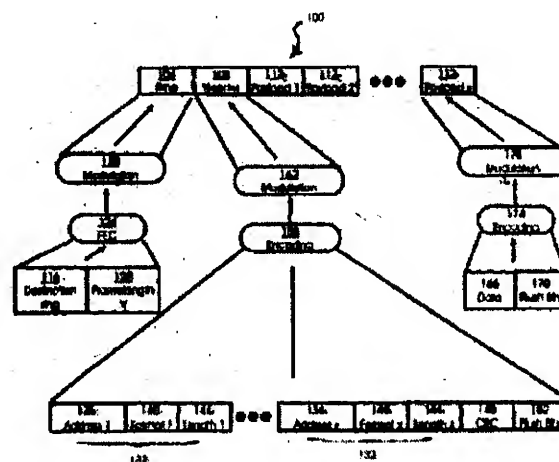
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01654/MUM A (PCT/CA01/00706)	(22) Date of filing of Application: 20/11/2002
(54) Title of the invention: <b>FRAME HEADER FOR A DATA COMMUNICATION CHANNEL</b>	
(51) International classification: H04Q 7/38  (30) Priority Data :  (31) Document No.: 2,309,472  (32) Date : 25/05/2000  (33) Name of convention country : CANADA  (66) Filed U/s. 5(2) : NO  (61) Patent of addition to application No.: NIL  (62) Filed on : N.A.  (63) Divisional to Application No.: NIL  (64) Filed on: N.A.	(71) Name of the Applicant:  <b>SOMA NETWORK INC.</b>  Address of the Applicant:  <b>LEGAL DEPARTMENT, SUITE 2000, WHARFSIDE BLDG, CHINA BASIN LANDING, 185 BERRY STREET, SAN FRANCISCO, CA 94107, U.S.A.</b>  (72) Name of the Inventors:  1) <b>SNELGROVE WILLIAM M.</b> 2) <b>KSCHISCHANG FRANK</b> 3) <b>FRAZER MARK JAMES</b> 4) <b>MANTHA RAMESH</b> 5) <b>VAN HEESWYK FRANK M.</b>

### (57) Abstract :

A data channel for transmitting data from a base station to subscriber stations is provided. Each subscriber station has a different service-class which reflects the reception-quality of the data transmitted from the base station. The data channel is organized into a plurality of frames. Each frame contains service-class information that is packaged in the frame in such a manner that all subscriber stations can recover the service-class information. The frame also includes payload data destined for at least one of the subscriber stations. The payload data is packaged in the frame in such a manner that the subscriber station having payload data destined therefore can recover its payload data, regardless of its service class. Subscriber stations that have no payload data destined therefore, and/or which are in a poorer service-class than the destined subscriber-stations, can use the service-class information to determine that the remainder of the frame can be ignored. An apparatus, system and method relating to the data channel are also provided.

Figure: 4





**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01655/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/GB01/02614) Application:

(54) Title of the invention: SYNTHESIS OF CHLORINATED PYRIMIDINES

(51) International classification: C07D 239/30	(71) Name of the Applicant:
(30) Priority Data :	SYNGENTA LIMITED
(31) Document No.: 60/216,882	Address of the Applicant:
(32) Date : 07/07/2000	FERNHURST, HASLEMERE, SURREY GU27 3JE, ENGLAND
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) DOYLE TIMOTHY JOHN
(63) Divisional to Application No.: NIL	2) BENKE ALAN HENRY
(64) Filed on: N.A.	3) WEHRENBURG PETER KARL
	4) NADY LOUIE AKOS

(57) Abstract : The invention provides a process for synthesizing chlorinated pyrimidines. The process includes reacting imidoyl chloride compounds with phosgene ( $\text{COCl}_2$ ). The imidoyl chloride compound can be supplied as starting materials or can be produced by reacting organic amides with phosgene or reacting organic nitriles with hydrogen chloride. The chlorinated pyrimidines, such as 4,6-dichloropyrimidine, can be used to synthesize other compounds useful in a variety of compositions, such as fungicides, pesticides, and pharmaceuticals.

Figure: NIL

### Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01656/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/CA01/00705) Application:
- (54) Title of the invention: **QUALITY DEPENDENT DATA COMMUNICATION CHANNEL**

<p>(51) International classification: H04L 29/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 2,309,472 2) 2,345,507</p> <p>(32) Date : 1) 25/05/2000 2) 30/04/2001</p> <p>(33) Name of convention country : CANADA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SOMA NETWORKS INC.</b></p> <p>Address of the Applicant:</p> <p><b>CHINA WHARF BASIN, SUITE 2000, 135 BERRY STREET, SAN FRANCISCO, CA 94107, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>MANTHA RAMESH</b></p>
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#### (57) Abstract :

A data channel to transmit data from a transmitter to one or more of a plurality of receivers, each of which intermittently reports to the transmitter its reception quality of signals transmitted by the transmitter. The transmitter transmits the data in frames which include at least one block. Each block includes the same predefined number of traffic symbols, and includes a header portion and a payload portion. The header portion of each block is packaged for transmission in a robust manner, enhancing the probability that each receiver will be able to recover it and the header portion includes information required to recover the payload portion. The payload portion is, in accordance with the reception quality reported by the intended receiver, packaged to make efficient use of the transmission resources while ensuring a reasonable probability that the intended receiver will be able to recover the payload. The header portion can include indications of the modulation, forward error correction and repetition utilized to package the payload and can indicate the length of the payload.

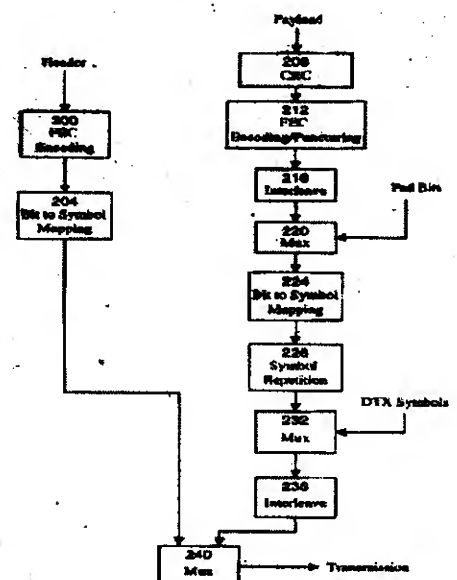


Figure: 6

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01657/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/FR01/01598) Application:

(54) Title of the invention: **USE OF DIGUANIDE DERIVATIVES FOR MAKING A MEDICINE HAVING A WOUND HEALING EFFECT**

(51) International classification: A61K 31/185

(30) Priority Data :

(31) Document No.: 00/06798

(32) Date : 26/05/2000

(33) Name of convention country : FRANCE

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**CENTRE NATIONAL DE LA  
RECHERCHE SCIENTIFIQUE (CNRS)**

**Address of the Applicant:**

**3. RUE MICHEL-ANGE.  
F-75494 PARIS CEDEX 16, FRANCE**

(72) Name of the Inventors:

- 1) **POTIER PIERRE JEAN-PAUL**
- 2) **SASAKI NOBUMICHI ANDRE**
- 3) **VACHIE MARIA CONCEPTION**
- 4) **FRANCK GISELE**
- 5) **THAL CLAUDE**
- 6) **BAKALA JOANNA**

**(57) Abstract :**

The invention concerns the use of biguanide derivatives of general formula (I) wherein: groups R1 and R2 represent, independently of each other, a hydrogen atom, a C<sub>1</sub>-C<sub>7</sub> alkyl group, a cycloalkyl group, a heterocycle, a C<sub>2</sub>-C<sub>7</sub> alkenyl group, an aryl group, an aralkyl group, an aryloxyalkyl group or a heteroaryl group or R1 and R2 together represent a C<sub>2</sub>-C<sub>7</sub> alkylene group capable of containing one or several heteroatoms and group R3 represent a primary, secondary or tertiary amine and their pharmaceutically acceptable salts for making a medicine having a wound healing effect, said medicine being in a pharmaceutical form for topical use.

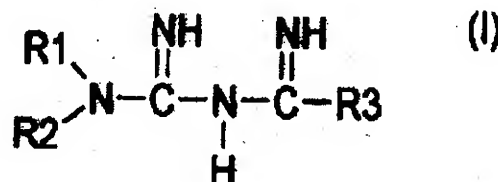


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01658/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/EP01/06060) Application:

(54) Title of the invention: COMPOSITIONS CONTAINING POLYCARBONATE

(51) International classification: C09D 169/00	(71) Name of the Applicant:
(30) Priority Data :	<b>BAYER AKTIENGESELLSCHAFT</b>
(31) Document No.: 100 28 412.4	
(32) Date : 08/06/2000	Address of the Applicant:
(33) Name of convention country : GERMANY	<b>D-51368 LEVERKUSEN , GERMANY,</b>
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	(72) Name of the Inventors:
(63) Divisional to Application No.: NIL	1) GORNY RUDIGER
(64) Filed on: N.A.	2) ANDERS SIEGFRIED
	3) NISING WOLFGANG

(57) Abstract : The invention relates to the use of special triazines for producing compositions containing polycarbonate, said triazines, and fatty acid esters. The invention also relates to the compositions, a method for manufacturing products containing these compositions, and said products.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01659/MUM A (22) Date of filing of Application: 20/11/2002  
(PCT/NL01/00433)

(54) Title of the invention: SINGLE MODE OPTICAL FIBRE, AND METHOD FOR THE MANUFACTURE OF A SINGLE MODE OPTICAL

(51) International classification: G02B 6/22  
(30) Priority Data :  
(31) Document No.: 1015405  
(32) Date : 09/06/2000  
(33) Name of convention country :  
NETHERLANDS  
(66) Filed U/s. 5(2) : NO  
(61) Patent of addition to application No.: NIL  
(62) Filed on : N.A.  
(63) Divisional to Application No.: NIL  
(64) Filed on: N.A.

(71) Name of the Applicant:  
DRAKA FIBRE TECHNOLOGY B.V.

Address of the Applicant:

ZWANSTRAAT 1,  
NL-5651 CA EINDHOVEN,  
NETHERLANDS,

(72) Name of the Inventors:  
1) SIMONS DENNIS ROBERT  
2) BREULS ANTONIUS HENRICUS  
ELISABETH

**(57) Abstract :**

The present invention relates to a method for the manufacture of a single mode optical fibre comprising a light-conductive core portion (4), an internal cladding portion (3) surrounding said core portion and a jacketing portion (1) surrounding said internal cladding portion, in which the refractive index of the core portion is larger than those of the cladding and jacketing portion areas, and in which the refractive indices of the cladding and jacketing portion areas are practically equal.

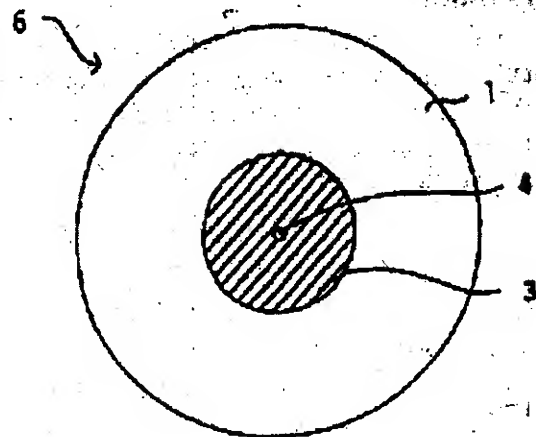


Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01660/MUM A (22) Date of filing of 20/11/2002  
No.: (PCT/EP01/06552) Application:

(34) Title of the invention: ENANTIOMER SEPARATION OF PIPERIDONE DERIVATIVES  
WITH SIMULTANEOUS *IN SITU* RACEMIZATION OF THE  
UNWANTED ENANTIOMER

<p>(51) International classification: C07D 211/74</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 29 851.6</p> <p>(32) Date : 16/06/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>BOEHRINGER INGELHEIM PHARMA KG</p> <p>Address of the Applicant:</p> <p>D-55216 INGELHEIM/RHEIN (DE).</p> <p>(72) Name of the Inventors:</p> <p>1) MUELLER-BOETTCHER HERMANN</p> <p>2) BRESSLER GERD-RAINER</p> <p>3) KREYE PAUL</p>
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**(57) Abstract :**

The invention relates to a method that can be used on a large scale for dynamic enantiomer separation of piperidone derivatives of general formula (1), wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $n$  can have the meanings given in the description and the claims, with simultaneous *in situ* racemization of the unreacted enantiomer.

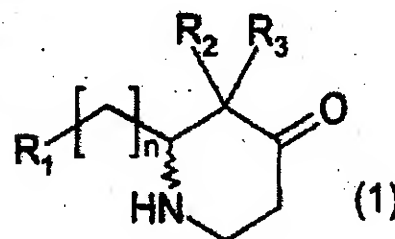


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/00661/MUM A** (22) Date of filing of Application: **20/11/2002**  
(PCT/GB01/02245)

(54) Title of the invention: **THICKENERS**

<p>(51) International classification: <b>C09D 11/00</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0014117.6 2) 0106076.3</p> <p>(32) Date : 1) 09/06/2000 2) 13/03/2001</p> <p>(33) Name of convention country : <b>UNITED-KINGDOM</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>AVECIA LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HEXAGON HOUSE, BLACKLEY, MANCHESTER M9 8ZS, UNITED KINGDOM</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>GOUGH PAUL</b> 2) <b>RICHARDS STUART NICHOLAS</b> 3) <b>SCHOFIELD JOHN DAVID</b> 4) <b>THETFORD DEAN</b> 5) <b>CARTRIDGE DAVID JOHN</b></p>
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(57) Abstract : The use of an amine functional polymer, including salts thereof, as a rheology modifier for solvent-based paints, inks, filled thermosetting resins and thermosetting resin-based gelcoats whereby the amine functional polymer contains not less than 42 % by weight of the residue of one or more amine-containing monomers, or salts thereof, relative to the weight of the polymer. Preferably the amine functional polymer is obtainable from two or more monomers which contain at least one ethulenicly unsaturated group such as styrene and 2-dimethylaminoethylmethacrylate.

Figure: **NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01662/MUM A** (22) Date of filing of Application: **20/11/2002**  
(PCT/US01/16092)

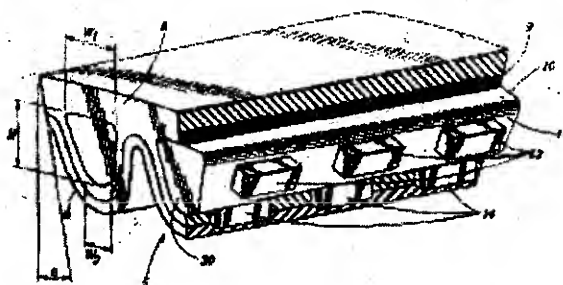
(54) Title of the invention: **TRANSVERSE REINFORCED CVT BELT**

<p>(51) International classification: <b>F16G 5/20</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>60/205,052</b></p> <p>(32) Date : <b>18/05/2000</b></p> <p>(33) Name of convention country : <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>THE GATES CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>900 SOUTH BROADWAY, DENVER, CO 80209, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>YUAN JING</b> 2) <b>BROWN LESLEE</b> 3) <b>SERKH ALEXANDER</b> 4) <b>CIEMNIECKI SCOTT</b></p>
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**(57) Abstract :**

The invention comprises a cog type belt having a plurality of transverse teeth (5) on an inner surface. The belt comprises an outer extensible elastomeric layer (8), an inner compression layer and a tensile member (9). Each tooth further comprises a non-metallic or plastic transverse member, pillar or rod (10) that extends across the width of each tooth (5). The opposing outer surfaces of each transverse member are inclined to each other and each end approximately equates to an outer surface of the belt body elastomeric. A compressive load between the sheaves is carried by the rod and the sidewall in proportion to the modulus of each component. The transverse members have pegs or legs (12, 14) that allow proper spatial orientation of each transverse member in each tooth during the fabrication process, thus assuring proper operating characteristics, including proper alignment within a pulley.

Figure: 10





Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01663/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/IN00/00051) Application:

(54) Title of the invention: INDEPENDENT MULTI OUTPUT DRIVE

(51) International classification: F16H 37/06

(30) Priority Data :

(31) Document No.: NIL

(32) Date : NIL

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

SHAH JAIDIP NAUTAMLAL

Address of the Applicant:

220/31, PANCHAVATI, SION (E),  
MUMBAI 400 022, INDIA

(72) Name of the Inventors:

SHAH JAIDIP NAUTAMLAL

(57) Abstract :

A drive unit whereby only one end of prime-mover[s] is / are connected to it. Various driven equipments are connected to the outputs provided in the drive. The arrangement now makes it possible for independent transmission of rotary power from one or more prime movers independently to two or more driven equipments.

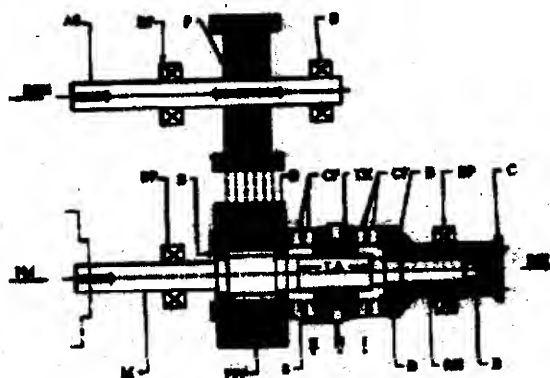


Figure: A

Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application IN/PCT/2002/01664/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/EP99/00242) Application:
- (54) Title of the invention: NOVEL SULFONAMIDE DERIVATIVES AS INHIBITORS OF BONE RESORPTION AND AS INHIBITORS OF CELL ADHESION

(51) International classification: C07D 239/16,  
C07C 311/19, A61K 31/505

(30) Priority Data :

(31) Document No.: 09/012.489

(32) Date : 23/01/1998

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

- 1) AVENTIS PHARMA  
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- 2) HOECHST MARION ROUSSEL  
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Address of the Applicant:

- 1) BRTININGSTRASSE 50, D-65929  
FRANKFURT AM MAIN,  
GERMANY
- 2) GENENTECH INC. 1 DNA WAY,  
SOUTH SAN FRANCISCO,  
CA 94080-4990, U.S.A.

(72)

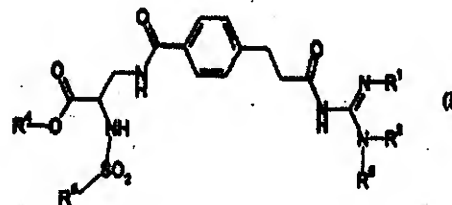
Name of the Inventors:

- 1) PEYMAN ANUSCHIRWAN
- 2) WILL DAVID WILLIAM
- 3) KNOLLE JOCHEN
- 4) SCHEUNE MANN KARLHEINZ
- 5) CARNIATO DENIS
- 6) GOURVEST JEAN-FRANCOIS
- 7) GADEK THOMAS
- 8) MCDOWELL ROBERT
- 9) BORDARY SARTH CATHERINE
- 10) CUTHBERT SON ROBERT  
ANDREW

**(57) Abstract :**

The present invention relates to sulfonamide derivatives of formula (I), in which  $R^1$ ,  $R^2$ ,  $R^4$ ,  $R^5$  and  $R^6$  have the meanings indicated in the claims, their physiologically tolerable salts and their prodrugs. The compounds of the formula (I) are valuable pharmaceutical active compounds. They are vitronectin receptor antagonists and inhibitors of cell adhesion and inhibit bone resorption by osteoclasts. They are suitable, for example, for the therapy and prophylaxis of diseases which are caused at least partially by an undesired extent of bone resorption, for example of osteoporosis. The invention furthermore relates to processes for the preparation of compounds of the formula (I), their use, in particular as pharmaceutical active ingredients, and pharmaceutical preparations comprising them.

Figure: NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01665/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/EP01/05798) Application:
- (54) Title of the invention: BICYCLYL OR HETEROBICYCLYLMETHANESULFONYLAMINO-SUBSTITUTED N-HYDROXYFORMAMIDES

- (51) International classification: C07D 333/60
- (30) Priority Data :
- (31) Document No.: 1) 0012809.0 2) 0104970.9
- (32) Date : 1) 25/05/2000 2) 28/02/2001
- (33) Name of convention country : UNITED-KINGDOM
- (66) Filed U/s. 5(2) : YES
- (61) Patent of addition to application No.: NIL
- (62) Filed on : N.A.
- (63) Divisional to Application No.: NIL
- (64) Filed on: N.A.

- (71) Name of the Applicant:
- SMITHKLINE BEECHAM P.L.C.
- Address of the Applicant:
- NEW HORIZONS COURT,  
BRENTFORD, MIDDLESEX TW8 9EP  
ENGLAND

- (72) Name of the Inventors:
- 1) BEST DESMOND JOHN
  - 2) BRUTON GORDON
  - 3) ORLEX BARRY SIDNEY
  - 4) RANA KISHORE
  - 5) WALKER GRAHAM

**(57) Abstract :**

Compounds of formula (I): R is hydrogen, alkyl, alkenyl, alkynyl, aryl, heteroaryl or heterocyclyl; and R<sup>1</sup> is bicyclyl or heterobicyclyl, are useful in the treatment and prophylaxis of conditions mediated by s-CD23.

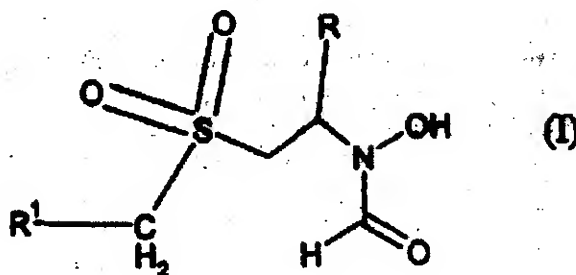


Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01666/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/US01/16863) Application:

(54) Title of the invention: **THROMBOPOIETIN MIMETICS**

<p>(51) International classification: A61K</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/207,084 2) 60/228,929</p> <p>(32) Date : 1) 25/05/2000 2) 30/08/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1) BEECHAM CORPORATION 2) GLAXO GROUP LIMITED</p> <p>Address of the Applicant:</p> <p>1) ONE FRANKLIN PLAZA, PHILADELPHIA, PA 19103, U.S.A. 2) GLAXO HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX UB6 0NN, ENGLAND</p> <p>(72) Name of the Inventors:</p> <p>1) DUFFY KEVIN J. 2) ERICKSON-MILLER CONNIE L. 3) EPPLEY DANIEL F. 4) JENKINS JULIAN 5) LUENGO JUAN I. 6) LIU NANNAN 7) PRICE ALAN T. 8) SHAW ANTONY N. 9) VISONNEAU SOPHIE 10) WIGGALL KENNETH</p>
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(57) Abstract : Invented are non-peptide TPO mimetics. Also invented are novel processes and intermediates used in the preparation of the presently invented compounds. Also invented is a method of treating thrombocytopenia, in a mammal, including a human, in need thereof which comprises administering to such mammal an effective amount of a selected hydroxy-1-azobenzene derivative.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01667/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/FR01/01288) Application:

(54) Title of the invention: PERFORATING DRILL

(51) International classification: B23B 51/02

(30) Priority Data :

(31) Document No.: 00/05813

(32) Date : 05/05/2000

(33) Name of convention country : FRANCE

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

DIAGER

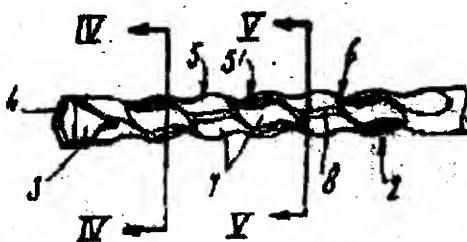
Address of the Applicant:

ZONE INDUSTRIELLE, RUE PAUL  
HEROULT, F-39800 POLIGNY,  
FRANCE,

(72) Name of the Inventors:

- 1) DEFOUGERES FRANCOIS
- 2) RIGOLET PIERRE
- 3) LAMY SYLVAIN

(57) Abstract :



The invention concerns a drill comprising a generally cylindrical body (2), tipped with a head (3) and provided, over at least part of its length, generally spiral evacuating grooves (5). The groove(s) (5) is/are delimited, over at least part of its/their length, by a succession of facets (7), attached to one another, and linked to one another by sharp edges or by radius blends (8).

Figure: 3

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents .  
(Amendment) Act, 2002

<p>(21) Application IN/PCT/2002/01668/MUM A No.: (PCT/JP01/04501)</p> <p>(54) Title of the invention: RICE BLAST CONTROL AGENTS</p> <p>(51) International classification: C07D 215/233</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000-160316</p> <p>(32) Date : 30/05/2000</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(22) Date of filing of Application: 21/11/2002</p> <p>(71) Name of the Applicant:  MEIJI SEIKA KAISHA LTD.  Address of the Applicant:  4-16, KYOBASHI 2-CHOME, CHUO-KU, TOKYO-TO, JAPAN</p> <p>(72) Name of the Inventors:  1) YAMAMOTO KAZUMI 2) TERAOKA TAKESHI 3) KURIHARA HIROSHI 4) MATSUMURA MAKOTO 5) YOSHITAKE KENJI</p>
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**(57) Abstract :**

Compounds of the general formula (1) or acid addition salts thereof, which exhibit an excellent rice blast control effect wherein R is hydrogen, -COR<sup>1</sup>, -COOR<sup>1</sup> (wherein R<sup>1</sup> is C<sub>1-4</sub> alkyl), -COCH<sub>2</sub>OCH<sub>3</sub>, or COCH<sub>2</sub>OCOCH<sub>3</sub>.

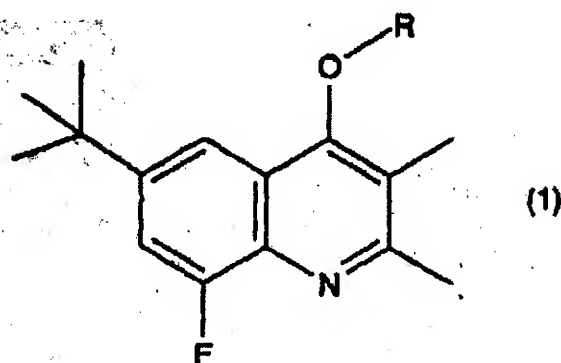


Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01669/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/BE01/00094) Application:

(54) Title of the invention: **PROCESS FOR FORMING A VITREOUS LAYER ON A REFRACTORY SURFACE**

<p>(51) International classification: C04B 41/86</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00201815.8</p> <p>(32) Date : 24/05/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>GLAVERBEL</b></p> <p>Address of the Applicant:</p> <p><b>CHAUSSÉE DE LA HULPA 166, WATERMAEL-BOISFORT, BRUSSELS, 1170, BELGIUM</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>VAN DEN NESTE MARE</b> 2) <b>ROBERT JEAN-PIERRE</b> 3) <b>DELMOTTE LAURENT</b></p>

(57) Abstract : The present invention relates to a process for forming a vitreous layer on a refractory surface, in which a vitrifying agent is projected by means of an apparatus against the said surface with an oxygen-containing carrier gas and simultaneously with a combustible gas, the latter generating a combustion flame, characterized in that the vitrifying agent comprises particles of cullet and in that the flame generated provides, at least partially, the heat needed to form the vitreous layer on the surface. The vitreous layer thus formed makes it possible to prevent the build-up, on the refractory walls of high-temperature ovens, of dust or by-products coming from the raw materials and/or their reaction products.

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01670/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/EP01/05782) Application:

(54) Title of the invention: **NON-INFLAMMABLE, TRANSLUCENT POLYCARBONATE MOLDING MATERIALS**

<p>(51) International classification: C08K 5/523</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 27 341.6</p> <p>(32) Date : 02/06/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368 LEVERKUSEN, GERMANY,</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>DERR FORSTEN</b> 2) <b>ECKEL THOMAS</b> 3) <b>ZOBEL MICHAEL</b> 4) <b>WITTMANN DIETER</b> 5) <b>SEIDEL ANDREAS</b></p>
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(57) Abstract : The invention relates to non-inflammable, translucent polycarbonate molding materials containing oligophosphate and special, fluorinated polyolefins. Said materials exhibit excellent flame protection properties and resistance to chemicals.

Figure: NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01671/MUM .A (22) Date of filing of 21/11/2002  
No.: (PCT/EP01/05779) Application:

(54) Title of the invention: FLAME-RESISTANT AND ANTI-ELECTROSTATIC  
POLYCARBONATE MOULDING COMPOSITIONS

(51) International classification: C08L 69/00

(30) Priority Data :

(31) Document No.: 100 27 333.5

(32) Date : 02/06/2000

(33) Name of convention country : GERMANY

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

BAYER AKTIENGESELLSCHAFT

Address of the Applicant:

D-51368 LEVERKUSEN,  
GERMANY,

(72) Name of the Inventors:

- 1) SEIDEL ANDREAS
- 2) ECKEL THOMAS
- 3) ZOBEL MICHAEL
- 4) WITTMANN DIETER
- 5) DIETRICH MANFRED

(57) Abstract : The invention relates to anti-electrostatic polycarbonate compositions which are chlorine and bromine free and non-inflammable and are characterized by good mechanical and thermal properties and by problem-free workability in an injection molding process, that is, good flowability of the molten mass and low tendency to jacking. The invention also relates to the utilization of the inventive polycarbonate molding materials in the production of all sorts of molded bodies and molded parts and to the molded bodies and parts.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01672/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/SE01/01056) Application:

(54) Title of the invention: **IRON-BASE ALLOY CONTAINING CHROMIUM-TUNGSTEN CARBIDE AND A METHOD OF PRODUCING IT**

(51) International classification: C22C 1/02

(30) Priority Data :

(31) Document No.: 0001785-5

(32) Date : 16/05/2000

(33) Name of convention country : SWEDEN

(66) Filed U/s. 5(2): NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**PROENGCO TOOLING AB**

Address of the Applicant:

**FABRIKSVAGEN 2, SE-245 34  
STAFFANSTORP, SWEDEN,**

(72) Name of the Inventors:

- 1) **ANDERSSON CARL-HAKAN**
- 2) **NILSSON ANDERS**
- 3) **STAHL JAN-ERIC**

**(57) Abstract :**

In a method of producing an iron-based alloy containing chromium carbide, pieces of cemented carbide are added to an iron-based melt containing carbon, e.g. cast iron. Chromium, which regulates the solution of WC into the melt, is also added. The molten alloy is then cast. An alloy comprising chromium-tungsten-carbide in a ferrous matrix is produced. Uses of the alloy are claimed.



**Figure: 3**

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01673/MUM A (22) Date of filing of 21/11/2002  
No.: (PCT/JP02/03249) Application:

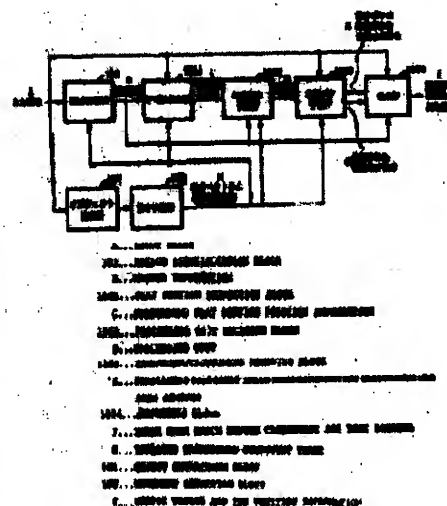
(54) Title of the invention: **IMAGE PROCESSING APPARATUS AND METHOD AND IMAGE-CAPTURING APPARATUS**

<p>(51) International classification: H04N 5/262</p> <p>(30) Priority Data :</p> <p>(31) Document No.: P2001-111437</p> <p>(32) Date : 10/04/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SONY CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, 141-0001, JAPAN</b></p> <p>(72) Name of the Inventors:</p> <ol style="list-style-type: none"> <li>1) <b>KONDO TETSUJIRO</b></li> <li>2) <b>SAWAO TAKASHI</b></li> <li>3) <b>ISHIBASHI JUNICHI</b></li> <li>4) <b>NAGANO TAKAHIRO</b></li> <li>5) <b>FUJIWARA NAOKI</b></li> <li>6) <b>MIYAKE TORU</b></li> <li>7) <b>WADA SEIJI</b></li> </ol>
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**(57) Abstract :**

An image processing apparatus capable of removing a moving cloudiness contained in a defocused image. A region identification block (103) identifies a non-mixed region including a foreground region consisting of a foreground object component constituting a foreground object and a background region consisting of a background object component constituting a background object, or a mixed region where a foreground object component is mixed with a background object component. In accordance with the region identification result and the like, an isolation/cloudiness removing block (1503) isolates a foreground object component and a background object component from pixel data of the mixed region and performs processing to remove moving cloudiness from the isolated foreground object component in a batch mode. This can take into consideration a difference between a signal detected by an image pickup element and a real world.

**Figure: 94**



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01674/MUM A (22) Date of filing of 22/11/2002  
No.: (PCT/US01/16121) Application:

(54) Title of the invention: **APPLICATOR HAVING ABRADING SURFACE COATED WITH SUBSTANCE TO BE APPLIED TO SKIN**

(51) International classification: A61M 35/00

(30) Priority Data :

(31) Document No.: 09/576,643

(32) Date : 22/05/2000

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**BECTON DICKINSON AND COMPANY**

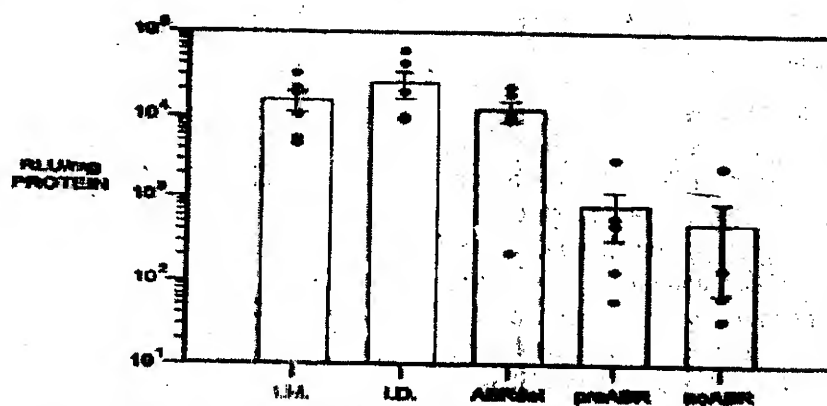
Address of the Applicant:

**INTELLECTUAL PROPERTY  
DEPARTMENT, MAIL CODE 009,  
1 BECTON DRIVE, FRANKLIN  
LAKES, NJ 07417-1830, U.S.A.**

(72) Name of the Inventors:

- 1) **MIKSZTA JOHN A.**
- 2) **BRITTINGHAM JOHN M.**
- 3) **ALARCON JASON**
- 4) **PETTIS RONALD J.**
- 5) **DEKKER JOHN P. III**

(57) Abstract :



The present invention provides improved methods for delivery of substances into the skin. It has been discovered that delivery of substances such as nucleic acids, amino acids, amino acid derivatives, peptides and polypeptides simultaneously with abrasion of the skin enhances delivery and the biological response as compared to application of the substance to previously abraded skin.

Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01675/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/EP01/05169) Application:

(54) Title of the invention: COMPOUNDS WITH A SULPHONAMIDE GROUP AND  
PHARMACEUTICAL COMPOSITIONS CONTAINING THESE  
COMPOUNDS

<p>(51) International classification: A61K 47/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 27 887.6</p> <p>(32) Date : 31/05/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2): YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SCHERING AKTIENGESELLSCHAFT</p> <p>Address of the Applicant:</p> <p>MULLERSTRASSE 178, D-13342 BERLIN, GERMANY</p> <p>(72) Name of the Inventors:</p> <p>1) ELGER WALTER 2) HILLISCH ALEXANDER 3) HEDDEN ANNEMARIE 4) SCHWARZ SIGFRIED 5) SCHOLLEKOPF KLAUS</p>
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(57) Abstract : The invention relates to compounds which, acting as a prodrug and/or support, enable an active agent to be taken up by the erythrocytes and/or an active agent to bind to the erythrocytes. The uptake of these compounds by and/or the binding thereof to the erythrocytes is made possible by a group of formula  $\text{SO}_2\text{NR}^1\text{R}^2$ , wherein  $\text{R}^1$  and  $\text{R}^2$ , independently of each other, mean a hydrogen atom, an acyl group, an alkyl group, a cycloalkyl group, an aryl group, a cyano group or a hydroxy group. The inventive prodrugs enable active agents such as endogenic substances, natural substance and synthetic substances with therapeutically useful properties which have a high "first path" effect, to be administered orally effectively or significantly improve the oral activity thereof.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01676/MUM A (22) Date of filing of 22/11/2002  
No.: (PCT/EP01/06976) Application:

(54) Title of the invention: **COMBINATIONS AND COMPOSITIONS WHICH INTERFERE WITH VEGF/VEGF AND ANGIOPOIETIN/TIE RECEPTOR FUNCTION AND THEIR USE (II)**

<p>(51) International classification: A61K 45/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 00250194.8 2) 00250214.4</p> <p>(32) Date : 1) 23/06/2000 2) 28/06/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SCHERING AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>MILLERSTRASSE 178, 13353 BERLIN, GERMANY</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>SIEMEISTER GERHARD</b> 2) <b>HABEREY MARTIN</b> 3) <b>THIERAUCH KARL HEINZ</b></p>
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(57) Abstract : The present invention describes the combination of substances interfering with the biological activity of Vascular Endothelial Growth Factor (VEGF)/VEGF receptor systems (compound I) and substances interfering with the biological function of Angiopoietin/Tie receptor systems (compound II) for inhibition of vascularization and for cancer treatment.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01677/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/GB00/04036) Application:

(54) Title of the invention: **METHOD AND APPARATUS FOR PRODUCTION OF A CONTINUOUSLY EXTRUDED PRODUCT**

<p>(51) International classification: B21C 23/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : NIL</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BWE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>BEAVER ROAD INDUSTRIAL ESTATE, ASHFORD KENT TN23 1SH UNITED KINGDOM</b></p> <p>(72) Name of the Inventors:</p> <p><b>HAWKES DANIEL JOHN</b></p>
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(57) Abstract : Continuous extrusion means in which aluminium or copper feedstock with a nominal diameter approximately 4% greater than the width of the circumferentially extending groove in a continuous extrusion wheel is fed from a feed reel to a centreless lathe or shaving machine set to machine the feedstock to a diameter corresponding to the width of the groove. In thereby removing the surface layer, surface impurities are removed and feedstock with a clean, non-oxidised surface is delivered directly to the groove without the intervention of feed rollers liable to cause distortions in the feedstock whilst ensuring that substantially constant forces arise between the machined-to-size feedstock and the walls of the groove. This reduces any tendency of irregular feed toward the associated abutment and thus enhances the constancy of the product quality as well as avoiding problems arising from oxidation and/or surface imperfections.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01678/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/GB01/02845) Application:

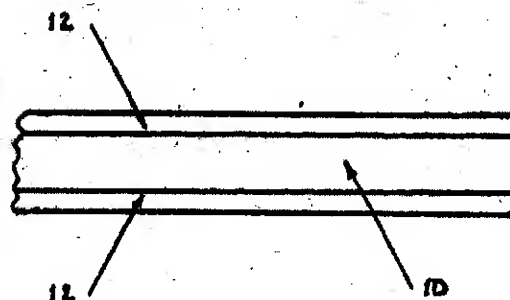
(54) Title of the invention: **LAMINAR MATERIALS, METHOD OF MAKING SAME AND SHOE INSOLES INCLUDING SAID LAMINAR MATERIALS**

<p>(51) International classification: B32B 27/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0015576.2</p> <p>(32) Date : 27/05/2000</p> <p>(33) Name of convention country : UNITED-KINGDOM</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant: <b>TEXON UK LIMITED</b></p> <p>Address of the Applicant: <b>100 ROSS WALK, BELGRAVE, LEICESTER LE4 5BX, UNITED KINGDOM</b></p> <p>(72) Name of the Inventors: 1) <b>ARNOLD BRIAN</b> 2) <b>JOHNSON SUSAN GWYNETH</b></p>
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**(57) Abstract :**

A laminar material suitable for use in the manufacture of shoes comprising an extruded thermoplastic sheet core (10) having laminated thereto on at least one side a first fibre fabric layer (12), wherein the melting point of said first fibre layer (12) is similar to the melting point of the thermoplastic sheet core (10), and the thermoplastic sheet core (10) comprises: (1) recycled scrap laminar material comprising an extruded thermoplastic material having laminated thereto on at least one side a second fibre fabric layer, wherein the melting points of the extruded thermoplastic material and the second fibre fabric layer are similar to the melting point of the first fibre layer (12); or (2) virgin extrudable thermoplastic material having a melting point similar to the melting point of said first fibre layer (12); or (3) a mixture of both of these materials (1) and (2).

**Figure: 1**





Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01679/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/CA01/00481) Application:

(54) Title of the invention: **WIRELESS MODEM SIMULATION OF A LAN CAR™**

(51) International classification: **H04L**

(30) Priority Data :

(31) Document No.: **09/590,769**

(32) Date : **08/06/2000**

(33) Name of convention country : **U.S.A.**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**SIERRA WIRELESS INC.**

Address of the Applicant:

**SUITE 150, 13575 COMMERCE  
PARKWAY, RICHMOND,  
BRITISH COLUMBIA V6V 2L1,  
CANADA,**

(72) Name of the Inventors:

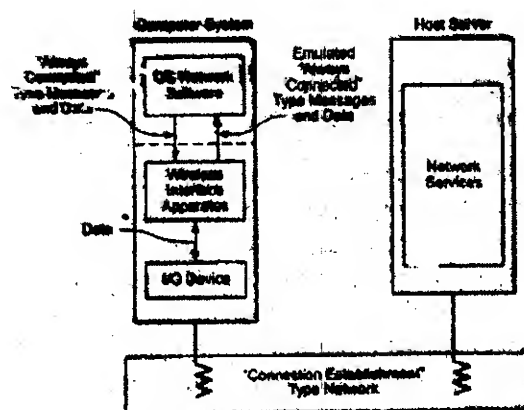
**LUKAS ROBERT M.**

**(57) Abstract :**

An interface apparatus and method facilitates communications on a "connection establishment" type network utilizing the "always connected" type communication techniques thereby eliminating connection establishment steps. The apparatus and method transmits data using the pre-existing "always connected" type application software in a host computer system's operating system (OS). The interface apparatus intercepts ARP and DHCP service related messages from the host computer's OS and emulates a "always connected" type I/O driver by replying to the service messages with ARP and DHCP service related response messages. As a

result, the host computer perceives that the data is being transmitted to another computer system on the same "always connected" type network as the host computer system using a "always connected" type I/O driver. The interface apparatus transmits an ARP message to the host computer's OS which includes an associated address corresponding to a globally unique identification address of the interface apparatus. Perceiving that the associated address is the IP address for its own "always connected" type I/O driver, the host computer system routes the data through the interface apparatus which is then transmitted on the "connection establishment" type network without performing connection establishment steps.

Figure: 2



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01680/MUM A (22) Date of filing of Application: 25/11/2002  
(PCT/US01/19314)

(54) Title of the invention: **METHOD FOR FORMING BARRIER STRUCTURES ON A SUBSTRATE AND THE RESULTING ARTICLE**

<p>(51) International classification: H01L</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/596,381</p> <p>(32) Date : 16/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PHOTONICS SYSTEMS INC.</b></p> <p>Address of the Applicant:</p> <p><b>6975 WALES ROAD, NORTHWOOD, OH 43619- 1073, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>ANDERSON PAUL R.</b> 2) <b>BARNHART CHARLES J.</b> 3) <b>CUTCHER RANDALE J.</b> 4) <b>WYSE JILL M.</b></p>

(57) Abstract : A method for chemically etching of a foam glass layer to provide at least one cavity pattern in the foam glass layer. The method utilizes a substrate with at least one major surface suitable for receiving a glass layer. At least one layer of a glass paste composition is then applied onto the major surface of the substrate. The substrate and glass paste composition are then heated to a temperature sufficient enough to obtain a foam glass layer bonded to the major surface of the substrate. At least a portion of the foam glass layer is chemically etched to obtain at least one cavity pattern in the foam glass layer. The chemical etching of the foam glass layer results in an anisotropic etching rate.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01681/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/US01/19580) Application:

(54) Title of the invention: **PROCESS FOR IMPROVING THE EMISSION OF ELECTRON FIELD EMITTERS**

(51) International classification: H01J 100

(30) Priority Data :

(31) Document No.: 1) 60/213,002 2) 60/213,159  
3) 60/287,930

(32) Date : 1) 21/06/2000 2) 22/06/2000  
3) 01/05/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**E.I. DUPONT DE NEMOURS  
AND COMPANY**

Address of the Applicant:

**1007 MARKET STREET,  
WILMINGTON, DE 19898,  
U.S.A.**

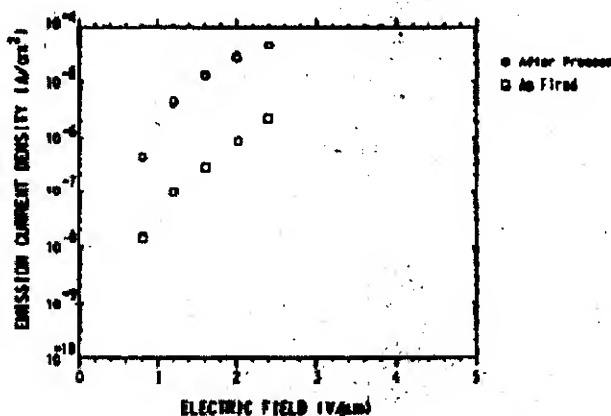
Name of the Inventors:

(72)

- 1) **BOUCHARD ROBERT  
JOSEPH**
- 2) **CHENG LAP-TAK  
ANDREW**
- 3) **LAVIN JOHN GERARD**
- 4) **ROACH DAVID  
HERBERT**

**(57) Abstract :**

This invention provides a process for manufacturing an electron field emitter comprised of an acicular emitting substance such as acicular carbon, an acicular semiconductor, an acicular metal or a mixture thereof, comprising applying a force to the surface of the electron field emitter wherein the force results in the removal of a portion of the electron field emitter thereby forming a new surface of the electron field emitter.



**Figure: 1**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01682/MUM A** (22) Date of filing of Application: **25/11/2002**  
(PCT/US01/19918)

(54) Title of the invention: **COMPUTATIONAL SYSTEM FOR MODELING PROTEIN EXPRESSION IN AN ORGAN**

<p>(51) International classification: <b>G06F 17/00</b></p> <p>(30) Priority Data: :</p> <p>(31) Document No.: <b>09/599,128</b></p> <p>(32) Date : <b>22/06/2000</b></p> <p>(33) Name of convention country: <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2): <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on: <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>PHYSIOME SCIENCES INC.</b></p> <p>Address of the Applicant:</p> <p><b>150 COLLEGE ROAD WEST, SUITE 300, PRINCETON, NEW JERSEY 08540 - 6604, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>THOMAS J. COLATSKY</b> 2) <b>ADAM L. MEZIKANT</b> 3) <b>DONNA ROUNDS</b> 4) <b>JOHN JEREMY RICE</b></p>
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(57) Abstract::

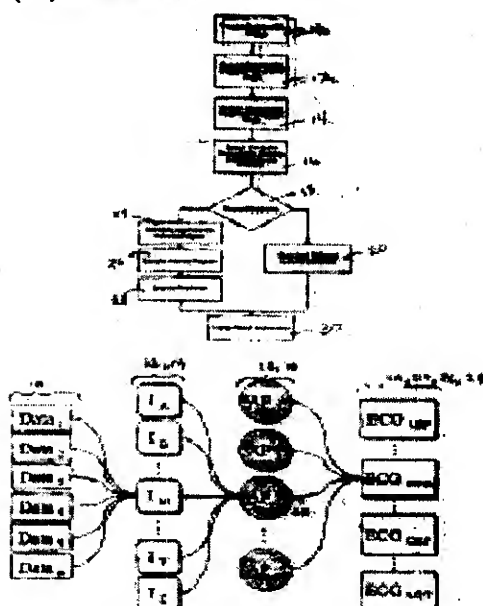


Figure: 1A, 1B

A computational model of an organ is disclosed along with a process for assessing the microscopic and whole organ impact of genetic differences that occur in single cells comprising the organ. The genetic differences in the model are based on changes in protein function or distribution associated with genetic mutations, gender, disease or allele based variations in the pattern of gene expression.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01683/MUM A** (22) Date of filing of Application: **25/11/2002**  
(PCT/US01/20889)

(54) Title of the invention: **ANTISTATIC POLYMERS BLENDS AND ARTICLES**

(51) International classification: **C08F 290/00**

(30) Priority Data :

(31) Document No.: **09/689,877**

(32) Date : **30/06/2000**

(33) Name of convention country : **U.S.A.**

(66) Filed U/a. 5(2): **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**NOVEON IP HOLDINGS  
CORP.**

Address of the Applicant:

**9911 BRECKSVILLE ROAD,  
CLEVELAND OH 44141-3247,  
U.S.A.**

(72) Name of the Inventors:

- 1) **VAUGHN JULIE**
- 2) **CANADY JOHN B.**
- 3) **HSU SHIU-JEN  
RAYMOND**
- 4) **LUBNIN ALEXANDER V.**
- 5) **MASLER WILLIAM F. III**
- 6) **VALENTINO BETH A.**

(57) Abstract : This invention relates to latex polymers and blends of such latex polymers used to produce gloves, coatings, binders for papers and non wovens, and other articles having superior electrostatic dissipative properties. Such articles have a surface resistivity value below  $1 \times 10^{11}$  ohms/square per square, a static decay time of less than 1 second, or both. The blends comprise one or more (1) polymers (in latex, solution or dispersion form) of (a) at least one reactive macromer of at least one alkylene oxide having at least one functional group capable of free-radical transformation, (b) optionally at least one ethylenically unsaturated monomer having at least one carboxylic acid group, and (c) optionally one or more free radically polymerizable comonomers, and (2) one or more other polymer latexes or dispersion of such polymers as natural rubber, conjugated-diene-containing polymers, hydrogenated styrene-butadiene triblock copolymers, chlorosulfonated polyethylenes, ethylene copolymers, acrylic and/or methacrylic ester copolymers, vinyl chloride copolymers, vinylidene chloride copolymers, polysibutylenes, polyureas, and poly(urethaneureas). Also suitable for making antistatic articles such as gloves by coagulant dipping processes, even in the absence of said (2) other polymer latexes or dispersions, are (1) polymers (in latex, solution or dispersion form) of (a) at least one reactive macromer of at least one alkylene oxide having at least one functional group capable of free-radical transformation, wherein said macromer comprises less than about 10 wt. % of total polymer weight in the (1) latex, solution or dispersion polymers, (b) optionally at least one ethylenically unsaturated monomer having at least one carboxylic acid group, and (c) one or more free radically polymerizable comonomers.

Figure: **NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01684/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/AU01/00491) Application:

(54) Title of the invention: ENGINE AIRFLOW MEASUREMENT

<p>(51) International classification: F02D 41/18</p> <p>(30) Priority Data :</p> <p>(31) Document No.: PQ 7238S</p> <p>(32) Date : 01/05/2000</p> <p>(33) Name of convention country : AUSTRALIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ORBITAL ENGINE COMPANY (AUSTRALIA) PTY LIMITED</p> <p>Address of the Applicant:</p> <p>1 WHIPPLE STREET, BALCATT, W.A. 6021, AUSTRALIA</p> <p>(72) Name of the Inventors:</p> <p>1) WORTH DAVID RICHARD</p> <p>2) WOOLFORD RICHARD ALBERT</p> <p>3) EPSKAMP TROY BRADLEY</p> <p>4) TILMOUTH ANDREW MICHAEL</p>
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(57) Abstract : A method of measuring the airflow in an engine, the engine having an intake manifold, including: sampling the manifold absolute pressure in said intake manifold at a predetermined crank angle of the engine; and determining the airflow as a function of the pressure differential between atmospheric pressure and the manifold absolute pressure at said crank angle.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01685/MUM A (22) Date of filing of 25/11/2002  
No.: (PCT/AU01/00505) Application:

(54) Title of the invention: IN TANK FUEL PUMP

<p>(51) International classification: F02M 37/10</p> <p>(30) Priority Data :</p> <p>(31) Document No.: PQ 7269</p> <p>(32) Date : 03/05/2000</p> <p>(33) Name of convention country : AUSTRALIA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ORBITAL ENGINE COMPANY (AUSTRALIA) PTY LIMITED</p> <p>Address of the Applicant:</p> <p>1 WHIPPLE STREET, BALCATT, W.A. 6021, AUSTRALIA</p> <p>(72) Name of the Inventors:</p> <p>1) KEELING ANTHONY DENHAM</p> <p>2) SHAMS ANDREW MASSOUD</p> <p>3) O'BRIEN RICHARD JOHN</p> <p>4) O'KEEFE WALTER JOSEPH</p>
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**(57) Abstract :**

A fuel pump locatable within a fuel tank including: a fuel pump housing (1); a pumping mechanism (5) located within the housing (1) for pumping fuel; an electric motor (3) for driving the pumping mechanism (5), the motor (3) being accommodated within a motor cavity (10) with the housing (1); a fuel inlet for the pumping arrangement; wherein the fuel pump housing (1) includes a breather arrangement (2) for allowing air and fuel vapor within the cavity (10) to escape therefrom when displaced by fuel passing into the motor cavity (10).

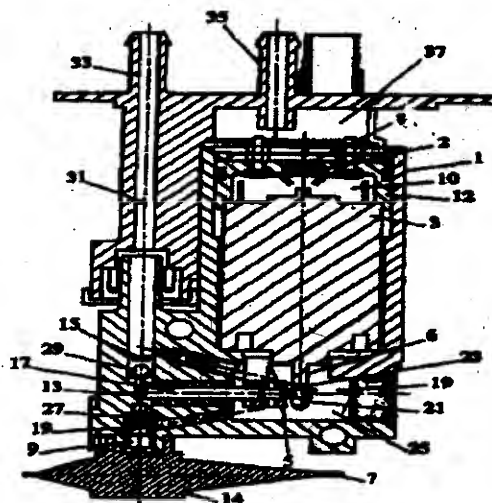


Figure: 4

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01686/MUM A (22) Date of filing of Application: 26/11/2002  
(PCT/US01/10848)

(54) Title of the invention: BIS-ARYLSULFONES

(51) International classification: C07D 243/00	(71) Name of the Applicant:
(30) Priority Data :	PHARMACIA & UPJOHN COMPANY
(31) Document No.: 1) 60/212,894 2) 60/237,025 3) 60/239,713 4) 60/268,261	Address of the Applicant:
(32) Date : 1) 20/06/2000 2) 29/09/2000 3) 12/10/2000 4) 13/02/2000	301 HENRIETTA STREET, KALAMAZOO, MI 49001, U.S.A.
(33) Name of convention country : U.S.A.	
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	1) JACOBSEN E. JON 2) KING STEPHEN J.
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention provides pharmaceutically active compounds useful for the treatment of diseases or disorders of the central nervous system.

Figure: NIL



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01687/MUM A (22) Date of filing of 26/11/2002  
No.: (PCT/US01/14854) Application:

(54) Title of the invention: A THIAZINE OXAZOLIDINONE

(51) International classification: C07D 417/00

(30) Priority Data :

(31) Document No.: 1) 60/212,474 2) 60/236,595  
3) 60/285,587

(32) Date : 1) 16/06/2000 2) 29/09/2000  
3) 20/04/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PHARMACIA & UP JOHN  
COMPANY

Address of the Applicant:

301 HENRIETTA STREET,  
KALAMAZOO, MI 49001,  
U.S.A.

(72)

Name of the Inventors:

1) BARBACHYN MICHAEL  
R.  
2) ZURENKO GARY E.

(57) Abstract : The present invention provides a thiazine oxazolidinone useful as antimicrobial.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01688/MUM A (22) Date of filing of Application: 26/11/2002  
(PCT/GB01/02964)

(54) Title of the invention: COLCHINOL DERIVATIVES AS ANGIOGENESIS INHIBITORS

<p>(51) International classification: C07D 295/185</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 00401977.4 2) 00401976.6</p> <p>(32) Date : 1) 07/07/2000 2) 07/07/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ANGIOGENE PHARMACEUTICALS LIMITED</p> <p>Address of the Applicant:</p> <p>14 FLOWDEN PARK, ASTON ROWANT, WATLINGTON, OZFORDSHIRE OX9 5SX, UNITED KINGDOME</p> <p>(72) Name of the Inventors:</p> <p>ARNOULD JEAN CLAUDE</p>
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(57) Abstract : The invention related to colchinel derivatives of the formula (I): wherein: R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are each independently hydroxy, phosphoryloxy (-OPO<sub>3</sub>H<sub>2</sub>), C<sub>1-4</sub>alkoxy or an in vivo hydrolysable ester of hydroxy, with the proviso that at least 2 of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> are C<sub>1-4</sub>alkoxy; A is -CO-, -C(O)O-, -CON(R<sup>8</sup>)-(wherein R<sup>8</sup> is hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>1-3</sub>alkyl, aminoC<sub>1-3</sub>alkyl or hydroxyC<sub>1-3</sub>alkyl); a is an integer from 1 to 4 inclusive; R<sup>a</sup> and R<sup>b</sup> are independently selected from hydrogen, hydroxy and amino; B is -O-, -CO-, N(R<sup>9</sup>)CO-, -CON(R<sup>9</sup>)-, -N(R<sup>9</sup>)C(O)O-, -N(R<sup>9</sup>)CON(R<sup>10</sup>)-, -N(R<sup>9</sup>)SO<sub>2</sub>-, -SO<sub>2</sub>N(R<sup>9</sup>)- or a direct single bond (wherein R<sup>9</sup> and R<sup>10</sup> are independently selected from hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>1-3</sub>alkyl, aminoC<sub>1-3</sub>alkyl and hydroxy C<sub>1-3</sub>alkyl); b is O or an integer from 1 to 4 inclusive, (provided that when bis O, B is a single direct bond); D is carboxy, sulpho, tetra-zolyl, imidazolyl, phosphoryloxy, hydroxy, amino, N-(C<sub>1-4</sub>alkyl)amino, N,N-di(C<sub>1-3</sub>alkyl)amino, or of the formula-Y<sup>1</sup> (CH<sub>2</sub>)<sub>0</sub>R<sup>11</sup> or -NHCH(R<sup>12</sup>)COOH; [wherein Y<sup>1</sup> is a direct single bond, -O-, -C(O)-, -N(R<sup>13</sup>)C(O)- or -C(O)N(R<sup>13</sup>)- (wherein R<sup>13</sup> is hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-3</sub>alkoxyC<sub>2-3</sub>alkyl, aminoC<sub>2-3</sub>alkyl or hydroxy C<sub>2-3</sub>alkyl); e is O or an integer from 1 to 4 inclusive.

Figure: NIL

**Publication After 18 months**

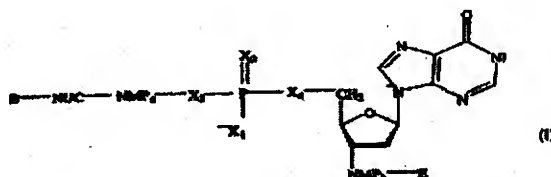
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01689/MUM A (22) Date of filing of Application: 26/11/2002 (PCT/EP01/06433)

(54) Title of the invention: IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES

<p>(51) International classification: A61K 39/39</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) A 1000/2000 2) A 1973/2000</p> <p>(32) Date : 1) 08/06/2000 2) 23/11/2000</p> <p>(33) Name of convention country : AUSTRIA</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>INTERCELL BIOMEDIZINISCHE</p> <p>Address of the Applicant:</p> <p>FORSCHUNGS- UND ENTWICKLUNGS AG, AUSTRIAN COMPANY OF RENNWEG 95B, A- 1030 VIENNA, AUSTRIA,</p> <p>(72) Name of the Inventors:</p> <p>1) SCHMIDT WALTER 2) LINGNAU KAREN 3) SCHELLACK C. ROLA 4) EGYED ALENA</p>
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(57) Abstract :



Described is an immunostimulatory oligodeoxynucleic acid molecule (ODN) having the structure according to formula (I), wherein any NMP is a 2' deoxynucleoside monophosphate or monothiophosphate, selected from the group consisting of deoxyadenosine-, deoxyguanosine-, deoxyinosine-, deoxycytosine-, deoxyuridine-, deoxythymidine-, 2-methyl-deoxyinosine-, 5-methyl-deoxycytosine-, deoxypseudouridine-, deoxyribosepurine-, 2-amino-deoxyribosepurine-, 6-S-deoxyguanine-, 2-dimethyl-deoxyguanosine- or N-isopentenyl-deoxyadenosine-monophosphate or -monothiophosphate, NUC is a 2' deoxynucleoside, selected from the group consisting of deoxyadenosine-, deoxyguanosine-, deoxyinosine-, deoxycytosine-, deoxyuridine-, deoxythymidine-, 2-methyl-deoxyinosine-, 5-methyl-deoxycytosine-, deoxypseudouridine-, deoxyribosepurine-, 2-amino-deoxyribosepurine-, 6-S-deoxyguanine-, 2-dimethyl-deoxyguanosine- or N-isopentenyl-deoxyadenosine, any X is O or S, a and b are integers from 0 to 100 with the proviso that a + b is between 4 and 150, B and E are common groups for 5' or 3' ends of nucleic acid molecules, as well as a pharmaceutical composition containing such ODNs.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01690/MUM A (22) Date of filing of 26/11/2002  
No.: (PCT/US01/16327) Application:

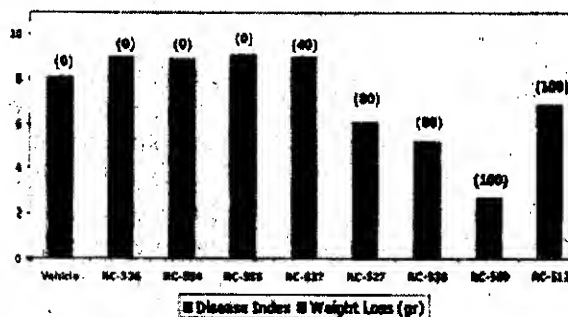
(54) Title of the invention: **PROPHYLACTIC AND THERAPEUTIC TREATMENT OF INFECTIOUS AND OTHER DISEASES WITH MONO- AND DISACCHARIDE-BASED COMPOUNDS**

(51) International classification: C07H 15/00	(71) Name of the Applicant:
(30) Priority Data :	<b>CORIXA CORPORATION</b>
(31) Document No.: 1) 60/205,820 2) 60/281,567	Address of the Applicant:
(32) Date : 1) 19/05/2000 2) 04/04/2001	<b>1124 COLUMBIA STREET, SUITE 200, SEATTLE, WA 98104, U.S.A.</b>
(33) Name of convention country : U.S.A.	Name of the Inventors:
(66) Filed U/s. 5(2): NO.	1) <b>PERSING DAVID H.</b>
(61) Patent of addition to application No.: NIL	2) <b>CRANE RICHARD THOMAS</b>
(62) Filed on : N.A.	3) <b>ELLIOT GARY T.</b>
(63) Divisional to Application No.: NIL	4) <b>ULRICH J. TERRY</b>
(64) Filed on: N.A.	5) <b>LACY MICHAEL J.</b>
	6) <b>JOHNSON DAVID A.</b>
	7) <b>BALDRIDGE JORY R.</b>
	8) <b>WANG RONG</b>

**(57) Abstract :**

Methods and compositions for treating or ameliorating diseases and other conditions, such as infectious diseases, autoimmune diseases and allergies are provided. The methods employ mono- and disaccharide-based compounds for selectively stimulating immune responses in animals and plants.

**Clinical Symptoms Following L-Seryl AGPs Monotherapy and Influenza Challenge**



**Figure: 3**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

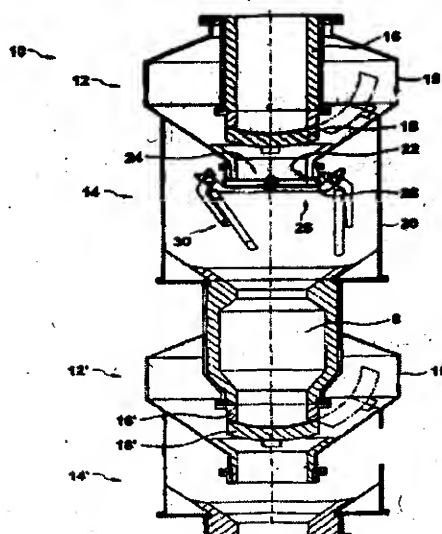
(21) Application No.: IN/PCT/2002/01691/MUM A (22) Date of filing of Application: 26/11/2002  
(PCT/EP01/06062)

(54) Title of the invention: **GAS-TIGHT SHUT-OFF VALVE FOR A MATERIAL CHARGING OR DISCHARGING LOCK**

<p>(51) International classification: F16K 49/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 90590</p> <p>(32) Date : 30/05/2000</p> <p>(33) Name of convention country : LUXEMBOURG</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:  PAUL WURTHS A.</p> <p>Address of the Applicant:  32, RUE D' ALSACE, L-1122 LUXEMBOURG</p> <p>(72) Name of the Inventors:  1) LONARDI EMILE 2) HUTMACHER PATRIC</p>
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**(57) Abstract :**

A gas-tight shut-off valve (14) for a material charging or discharging lock (10) comprises a valve closing element (26) that is movable relative to a valve seat (22), between a first position, in which the valve closing element (26) and the annular valve seat (22) can be axially pressed together, and a second position, in which the valve closing element (26) is located laterally of the discharge opening (24) in the valve seat (22). A soft sealing means (28) is associated either with the annular valve seat (22) or with the valve closing element (26). The valve (14) further comprises a heat protecting element (30), which is movable between a first position, in which it covers the soft sealing means (28) when the valve closing element (26) is in its second position, and a second position, in which it uncovers the soft sealing means (28).



**Figure: 1**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01692/MUM A (22) Date of filing of Application: 26/11/2002  
(PCT/GB01/02360)

(54) Title of the invention: A CABLE OR CABLE COMPONENT COATED WITH A WATER SWELLABLE MATERIAL

<p>(51) International classification: H01B 7/282</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0013845.3</p> <p>(32) Date : 07/06/2000</p> <p>(33) Name of convention country : GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>DUSSEK CAMPBELL (CABLES) LIMITED</p> <p>Address of the Applicant:</p> <p>BREAKSPEAR PARK, BREAKSPEAR WAY, HEMEL HEMPSTEAD, HERTFORDSHIRE HP2 4UL</p> <p>(72) Name of the Inventors:</p> <p>4) MOORE SIMON 5) MORLAND GAVIN LESLIE 6) STRADLING MICHAEL ANTHONY</p>
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(57) Abstract : A cable or cable component having a water swellable coating prepared from a pourable, radiation curable, liquid composition which has been subjected to radiation curing. The pourable, radiation curable, liquid composition comprises an ethylenically unsaturated polymer dissolved in a monomer. The ethylenically unsaturated polymer has radiation potymerisable functionatity.

Figure: 1

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

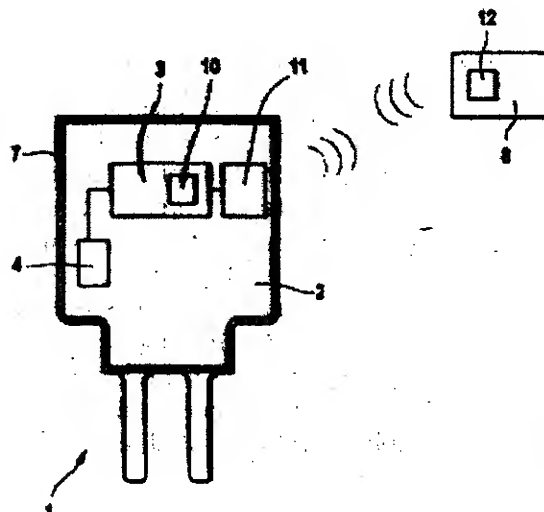
(21) Application IN/PCT/2002/01693/MUM A (22) Date of filing of 26/11/2002  
No.: (PCT/EP01/08569) Application:

(54) Title of the invention: **DEVICE FOR MEASURING/DETERMINING A PHYSICAL QUANTITY OF A MEDIUM**

<p>(51) International classification: G01F 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 37 911.7</p> <p>(32) Date : 03/08/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>ENDRESS + HAUSER GMBH + CO.</b></p> <p>Address of the Applicant:</p> <p><b>HAUPTSTR 1, 79689 MAULBURG, GERMANY</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>KRAUSE MICHAEL</b> 2) <b>STEN GELE FLORIAN</b></p>
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**(57) Abstract :**

The invention relates to a device for measuring/determining a physical quantity of a medium. The aim of the invention is to provide a cost-effective device for measuring and/or determining a physical measured quantity. To this end, the device comprises a sensor part and an electronic part, whereby at least the electronic part is arranged inside a housing, and at least one fuel cell is provided, which at least partially covers the energy demand of the device.



**Figure: 3**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01695/MUM A (22) Date of filing of 28/11/2002  
No.: (PCT/US01/16776) Application:

- (54) Title of the invention: **COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF BREAST CANCER**

<p>(51) International classification: C07K 14/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/577,505 2) 09/590,583 3) 09/699,295 4) 09/810,936</p> <p>(32) Date : 1) 24/05/2000 2) 08/06/2000 3) 26/10/2000 4) 16/03/2001</p> <p>(33) Name of convention country :U.S.A.</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>CORIXA CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>1124 COLUMBIA STREET, SUITE 200, SEATTLE, WA 98104, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <ol style="list-style-type: none"> <li>1) FRUDAKIS TONY N.</li> <li>2) REED STEVEN G.</li> <li>3) SMITH JOHN M.</li> <li>4) MISHNER LYNDIA E.</li> <li>5) DILLON DAVIN C.</li> <li>6) RETTER MARC W.</li> <li>7) WANG ALJUN</li> <li>8) SKEIKY YASIR A.W.</li> <li>9) HARLOCKER SUSAN L.</li> <li>10) DAY CRAIG H.</li> </ol>
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**(57) Abstract :**

Compositions and methods for the therapy and diagnosis of cancer, particularly breast cancer, are disclosed. Illustrative compositions comprise one or more breast tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly breast cancer.

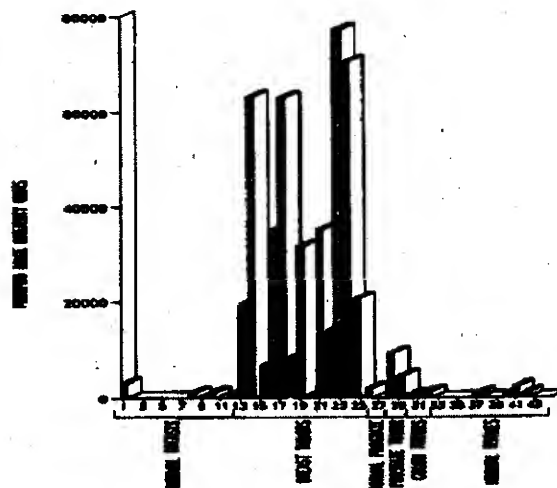


Figure: 3



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01697/MUM A (22) Date of filing of Application: 28/11/2002  
(PCT/US01/18384)

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING REAL-TIME OPERATION IN A PERSONAL COMPUTER SYSTEM

(51) International classification: C06F 15/76  
(30) Priority Data :  
(31) Document No.: 09/606,652  
(32) Date : 28/06/2000  
(33) Name of convention country : U.S.A.  
(66) Filed U/s. 5(2) : NO  
(61) Patent of addition to application No.: NIL  
(62) Filed on : N.A.  
(63) Divisional to Application No.: NIL  
(64) Filed on: N.A.

(71) Name of the Applicant:

INTEL CORPORATION

Address of the Applicant:

2200 MISSION COLLEGE  
BOULEVARD, SANTA CLARA,  
CA 95052, U.S.A.

(72)

Name of the Inventors:

KARDACH JAMES

(57) Abstract :

According to one embodiment, a computer system is disclosed. The computer system comprises a central processing unit (CPU) and a non-symmetric processor (NSP) coupled to the CPU. The NSP is integrated on the same semiconductor die as the CPU.

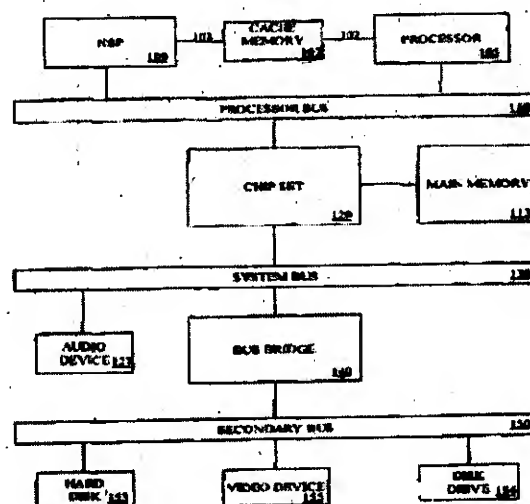


Figure: 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01698/MUM A (22) Date of filing of Application: 28/11/2002  
(PCT/US01/18679)

(54) Title of the invention: **METHOD AND APPARATUS FOR PROVIDING REAL-TIME OPERATION IN A PERSONAL COMPUTER SYSTEM**

<p>(51) International classification: C06F 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/606,839</p> <p>(32) Date : 28/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>INTEL CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>KARDACH JAMES</b></p>
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**(57) Abstract :**

A method is disclosed. The method includes receiving real-time data at a personal computer implementing a general purpose operating system, generating a real-time event at the personal computer and determining whether the real-time event has a higher priority than a first event being processed at the personal computer. If the real-time event has a higher priority than the first event being processed, the real-time event is processed.

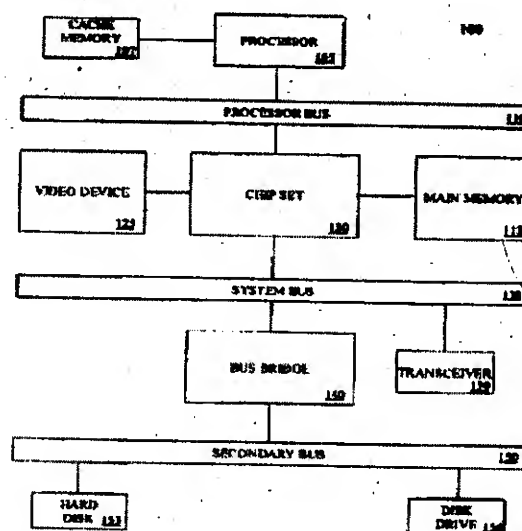


Figure: 1

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents

(Amendment) Act, 2002

(21) Application IN/PCT/2002/01699/MUM A (22) Date of filing of 28/11/2002  
No.: (PCT/US01/19935) Application:

(54) Title of the invention: **DISTRIBUTED COMPUTING SERVICES PLATFORM**

<p>(51) International classification: G06F 17/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/213,562 - 2) NOT FURNISHED</p> <p>(32) Date : 1) 22/06/2000 2) 22/06/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MICROSOFT CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>ONE MICROSOFT WAY, REDMOND, WA 98052</b></p> <p>(72) Name of the Inventors:</p> <p>1) BELFIORE JOSEPH D. 2) CAMPBELL DAVID G. 3) CAPPS STEVE 4) CELLINI STEVEN M. 5) GUNDOTRA VIVEK 6) LUCOVSKY MARK H. 7) MARITZ PAUL A. 8) METAL AMIT 9) RUDDER ERIC D. 10) SHORT KEITH W. 11) SINGH KAVIRAJ 12) SPIRO PETER M.</p>

(57) Abstract : A server federation cooperatively interacts to fulfill service requests by communicating using data structures that follow a schema in which the meaning of the communicated data is implied by the schema. Thus, in addition to the data being communicated, the meaning of the data is also communicated allowing for intelligent decisions and inferences to be made based on the meaning of the data. Cooperative interaction is facilitated over a wide variety of networks by messaging through a common APT that supports multiple transport mechanisms. Also, mid-session transfer between client devices is facilitated by schema and the transport-independent messaging structure. The user interfaces of the client devices will appear consistent even if the client devices have different user interface capabilities.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

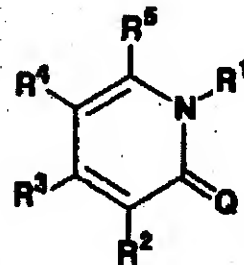
(21) Application IN/PCT/2002/01700/MUM A (22) Date of filing of 28/11/2002  
No.: (PCT/JP01/04857) Application:

(54) Title of the invention: 1,2-DIHYDROPYRIDINE COMPOUNDS, PROCESS FOR PREPARATION OF THE SAME AND USE THEREOF

(51) International classification: C07D 213/64	(71) Name of the Applicant:
(30) Priority Data :	EISAI CO. LTD.
(31) Document No.: 1) 2000-175966 2) 022483.2	Address of the Applicant:
(32) Date : 1) 12/06/2000 2) 13/09/2000	6-10, KOISHIKAWA 4-CHOME, BUNKYO-KY, TOKYO, JAPAN
(33) Name of convention country :1) JAPAN 2) UNITED-KINGDOM	Name of the Inventors:
(66) Filed U/s. 5(2) : NO	(72) 1) NAGATO SATOSHI 2) UENO KOHSHI 3) KAWANO KOKI 4) NORIMINE YOSHIHIKO 5) ITO KOICHI 6) HANADA TAKAHISA 7) UENO MASATAKA 8) AMINO HIROYUKI 9) OGO MAKOTO 10) HATAKEYAMA SHINJI 11) URAWA YOSHIO 12) NAKA HIROYUKI 13) GROOM ANTHONY JOHN 14) RIVERS LEANNE 15) SMITH TERENCE
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

**(57) Abstract :**

Provided are novel compounds exhibiting excellent inhibitory activities against AMPA receptor and/or kainite receptor, specifically compounds of the general formula (I), salts of the same, or hydrates of both, wherein Q is NH, O, or S; and R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are each independently hydrogen, halogeno, C<sub>1-6</sub> alkyl, or a group of the general formula: -X-A (wherein X is a single bond, optionally substituted C<sub>1-6</sub> alkylene, or the like; and A is, e.g., a C<sub>6-14</sub> aromatic carbocyclic group or a 5- to 14-membered aromatic heterocyclic group, any of which may be optionally substituted).



(I)

Figure: NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01701/MUM A (22) Date of filing of 28/11/2002  
No.: (PCT/US01/18614) Application:

(54) Title of the invention: **MULTI-ENTRY THREADING METHOD AND APPARATUS FOR AUTOMATIC AND DIRECTIVE-GUIDED PARALLELIZATION OF A SOURCE PROGRAM**

<p>(51) International classification: C06F 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/606,839</p> <p>(32) Date : 28/06/2000</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>INTEL CORPORATION</b></p> <p>Address of the Applicant:</p> <p><b>2200 MISSION COLLEGE BOULEVARD, SANTA CLARA, CA 95052, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p>1) <b>KIRKEGAARD KNUD</b> 2) <b>GIRKAR MILIND</b> 3) <b>GREY PAUL</b> 4) <b>TIAN XINMIN</b></p>
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**(57) Abstract :**

A method and apparatus for compiling a source program are described. Multiple predetermined sequences within the source program are located. A start code is inserted in the source program prior to a first instruction of each predetermined sequence. An invocation code is inserted in the source program prior to the start code, the invocation code addressing the start code and transferring each sequence to a system for execution. Finally, a stop code is inserted in the source program after a last instruction of each sequence, the stop code signaling to the system to step execution of the sequence.

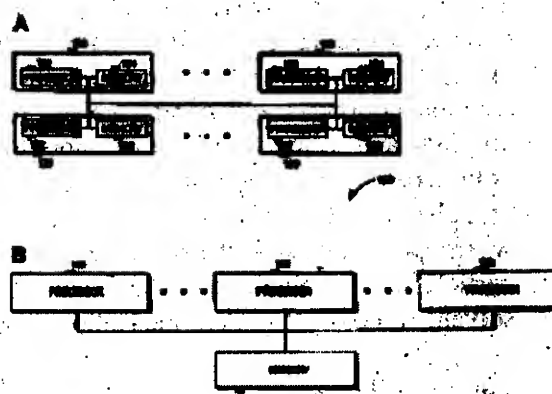


Figure: 1A,1B

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application IN/PCT/2002/01702/MUM A (22) Date of filing of 29/11/2002  
No.: (PCT/EP01/06876) Application:
- (54) Title of the invention: A PROCESS FOR MAKING POLY (URETHANE-UREA)/ADDITION POLYMER COMPOSITE PARTICLES

(51) International classification: C08G 18/12	(71) Name of the Applicant:
(30) Priority Data :	IMPERIAL CHEMICAL INDUSTRIES PLC
(31) Document No.: 0014762.9	
(32) Date : 17/06/2000	Address of the Applicant:
(33) Name of convention country : GREAT-BRITAIN	IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, SW1P 3JF, GREAT BRITAIN
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors:
(62) Filed on : N.A.	WILLIAMS NEAL ST. JOHN
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A process for making poly(urethane-urea)/addition polymer composite particles which avoids the need to use a highly viscous solution of a prepolymer for the poly (urethane-urea). The process comprises dissolving diol and diisocyanate in addition polymerisable monomers and allowing them to co-react but for only long enough to form a precursor for the prepolymer which is of a lower molecular weight than the prepolymer so that the precursor forms a solution of much lower viscosity. This lower viscosity solution is then dispersed in water to give droplets in which the co-reaction continues and completes the formation of the prepolymer whilst water diffuses into the droplets and causes chain extension to create the poly (urethane-urea) particles. The addition polymerisable monomers in the dispersed droplets spontaneously diffuse into the poly (urethane-urea) particles where they are subjected to a conventional free radical addition polymerisation process whereupon composite the poly(urethane-urea)/addition polymer particles are formed. The composite particles can be obtained as stable aqueous dispersions optionally containing less than 3wt % organic solvent and over 40w % of the composite particles.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

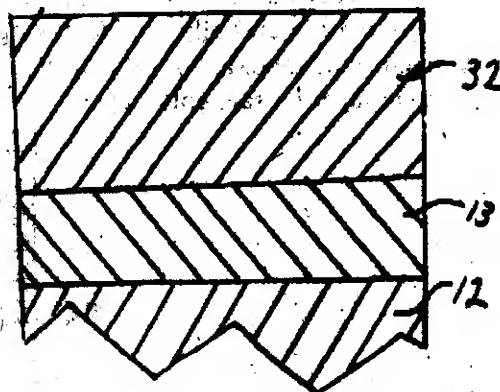
(21) Application IN/PCT/2002/01704/MUM A (22) Date of filing of 29/11/2002  
No.: (PCT/US02/11294) Application:

(54) Title of the invention: **COATED ARTICLE WITH POLYMERIC BASECOAT HAVING A STAINLESS STEEL COLOR**

<p>(51) International classification: B32B 15/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/832,563</p> <p>(32) Date : 11/04/2001</p> <p>(33) Name of convention country :GREAT-BRITAIN</p> <p>(66) Filed U/s. 5(2): NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>MASCO CORPORATION OF INDIANA</b></p> <p>Address of the Applicant:</p> <p><b>55 EAST 11<sup>th</sup> ST, INDIANAPOLIS, IN 46200, U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) JONTE PATRICK B. 2) LIPE JAMES S. 3) CHEN GUOCUN</b></p>
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**(57) Abstract :**

An article is coated with a multi-layer coating having a stainless steel color (Figure 3). The coating comprises a polymeric layer on the article surface, a refractory metal or refractory metal alloy strike layer on the polymeric layer, a color layer containing a refractory metal oxide or refractory metal alloy oxide having a substoichiometric oxygen content on the strike layer, and a refractory metal oxide or refractory metal alloy oxide having a substantially stoichiometric oxygen content layer on said color layer.



**Figure: 3**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

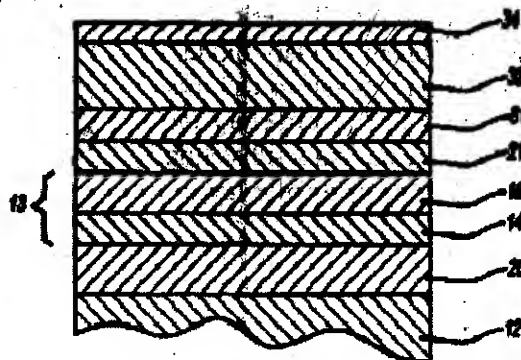
(21) Application No.: **IN/PCT/2002/01705/MUM A** (22) Date of filing of Application: **29/11/2002**  
(PCT/US02/11293)

(54) Title of the invention: **COATED ARTICLE HAVING A STAINLESS STEEL COLOR**

<p>(51) International classification: <b>C23C</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>09/832,564</b></p> <p>(32) Date : <b>11/04/2001</b></p> <p>(33) Name of convention country : <b>U.S.A.</b></p> <p>(66) Filed U/s. 5(2): <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>MASCO CORPORATION OF INDIANA</b></p> <p>Address of the Applicant:</p> <p><b>55 EAST 111<sup>th</sup> STREET, INDIANAPOLIS, IN 46280 U.S.A.</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) JONTE PATRICK B. 2) LIPE JAMES S. 3) CHEN GUOCUN</b></p>
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**(57) Abstract :**

An article is coated with a multi-layer coating having a stainless steel color (Figure 3). The coating comprises an electroplated layer or layers on the article surface, a refractory metal or refractory metal alloy strike layer on the electroplated layer or layers, a color layer containing a refractory metal oxide or refractory metal alloy oxide having a substoichiometric oxygen content on the strike layer, and a refractory metal oxide or refractory metal alloy oxide having a substantially stoichiometric oxygen content layer on said color layer.



**Figure: 3**



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01706/MUM A (22) Date of filing of 29/11/2002  
No.: (PCT/EP01/05387) Application:

(54) Title of the invention: TARGETED MOIETIES FOR USE IN BLEACH CATALYSTS

(51) International classification: C11D 3/39  
(30) Priority Data :  
(31) Document No.: 0013643.2  
(32) Date : 31/05/2000  
(33) Name of convention country : UNITED-  
KINGDOM  
(66) Filed U/s. 5(2) : NO  
(61) Patent of addition to application No.: NIL  
(62) Filed on : N.A.  
(63) Divisional to Application No.: NIL  
(64) Filed on: N.A.

(71) Name of the Applicant:  
  
HINDUSTAN LEVER LIMITED  
  
Address of the Applicant:  
  
HINDUSTAN LEVER HOUSE,  
165/166 BACKBAY RECLAMATION,  
MAHARASHTRA, 400 020 MUMBAI,  
INDIA

(72) Name of the Inventors:  
  
1) FERINGA BERNARD LUCAS  
2) HAGE RONALD  
3) HOWELL STEVEN  
4) PARRY NEIL JAMES  
5) ROELFES JOHANNES  
GERARDHUS  
6) VERRIPS CORNELIS  
THEODORUS

(57) Abstract : There is provided a targeted bleaching composition comprising an organic substance which forms a complex with a transition metal, the complex catalysing bleaching of a substrate by a precursor selected from atmospheric oxygen and/or a peroxy species. The complex is bound to a recognizing portion having a high binding affinity for stains present on fabrics.

Figure: NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents

(Amendment) Act, 2002

(21) Application IN/PCT/2002/01707/MUM A (22) Date of filing of 29/11/2002  
No.: (PCT/EP01/05250) Application:

(54) Title of the invention: ORAL COMPOSITION COMPRISING CHALK

<p>(51) International classification: A61K 7/16</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00304577.0</p> <p>(32) Date : 30/05/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LTD.</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, INDIA</b></p> <p>(72) Name of the Inventors:</p> <p><b>1) SINGLETON STEPHEN JOHN 2) PICKLES MATTHEW</b></p>
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(57) Abstract : Oral composition comprising chalk, characterized in that it comprises a particulate material selected from the group consisting of silicon carbide and tungsten carbide and having an average particle size ranging from 1 to 10 um in diameter.

Figure: NIL

## ALTERATION OF DATE UNDERSECTION—16

194938 (350/DEL/1996) ANTEDATED TO 26-12-1990.

194950 (948/MAS/2001) ANTEDATED TO 22-02-2001.

## अभिगृहित पूर्ण विनिर्देश

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate along with the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Int. Cl <sup>7</sup>	:	B21B 45/02	194891
Ind. Cl	:	129F,G,J	
Title	:	AN IMPROVED DEVICE FOR COOLING WORK ROLLS UNIFORMLY ALONG THEIR LENGTH	
Applicant	:	STEEL AUTHORITY OF INDIA LIMITED, OF DORANDA, RANCHI - 834 002 BIHAR, INDIA	
Inventor	:	1. MADHU RANJAN. 2. APURBA KUMAR MARIK 3. PURNANAD PATHAK 4. PARTHA PRATIM SENGUPTA 5. GANTI MAHAPATRUNI DAKSHINA MURTY. 6. SUDHAKER JHA	
Application no	:	525/CAL/1998 FILED ON 27.3.1998	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 1 CLAIM.

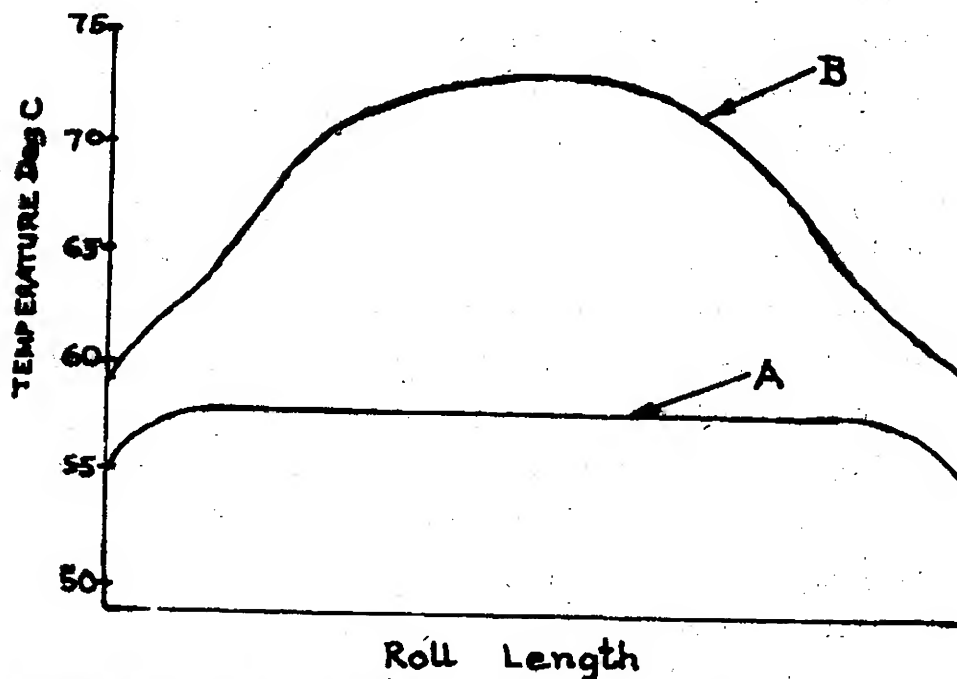
An improved device for cooling work rolls uniformly along their length in cold reversing mills of a steel plant, comprising headers (9A and 9B) for applying coolant on top back up roll (12A) optionally, headers (10A and 10B) for applying coolant on top work roll (3A), headers (11A and 11B) for applying coolant on bottom work roll (3B) at the entry side (E) and delivery side (D) respectively of each said roll, each said header being provided with a row of nozzles spaced along the length thereof and directed towards the surface of the corresponding roll along the length thereof and with pipe lines (4A, 4B, 4C) with gate valves (15A, 15B, 15C) at the entry side and pipe lines (5A, 5B, 5C) with gate valves (16A, 16B, 16C) at the delivery side, both said pipe lines being connected via pipe lines (17 and 18) respectively to a common pipe line (19) into which the coolant in the form of an emulsion of 2% by weight of oil in water prepared in tank (1) having agitator (2) is supplied by means of centrifugal pump (3) via pressure relief valve (4), pressure gauge (5), non-returnable valve (6), emulsion filter (7), and gate valve (8), the used coolant being collected in pit (13) from which the same is returned to tank (1) via pipe (14) and emulsion filter (19A), wherein said pump, tank, headers, pipe lines, nozzles and rolls are adapted to operate in an inter-related manner, such as herein described, characterised in that

(a) the nozzles are each of three-piece dovetail construction, disposed along each header, and capable of producing a flat spray of coolant with board side lying along the length of each work roll;

(b) the inter-nozzle spacings on the headers are set to provide differential flow density of coolant in accordance with the temperature gradient built up in the rolls in the manner such that the coolant sprays produced are of angle  $45^{\circ}$ , flow rate 63.25 lpm, pressure 5 bar, and of flow density 1.6 lpm/mm at the central zone, 1.4 lpm/mm at each of two intermediate zones towards the end and 1.2 lpm/mm at each of the two end zones of each work roll, each said zone constituting one-third of the total length of a roll;

(c) the number of nozzles provided in each header for applying coolant on the top and bottom work rolls is reduced to 13 from 18 provided in the existing system; and

(d) the pipe lines are made of reduced length and number of bends compared to the existing system.



Complete Specification : 10 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : G05B 15/00 194892

Ind. Cl : 190 B

Title : A GRAPHICAL USER INTERFACE FOR A SYSTEM FOR MONITORING A STEAM TURBINE AND A METHOD FOR MONITORING STEAM TURBINE BLADE TEMPERATURE.

Applicant : SIEMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333, MUENCHEN, GERMANY.

Inventor : 1. NUGROHI IWAN SANTOSO  
2. WALTER ZORNER

Application no 2357/CAL/1997 FILED ON 1.12.1997  
(CONVENTION NO. 08/768,047 FILED ON 12.2.1996 IN USA.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003). PATENT OFFICE KOLKATA.*

### 10 CLAIMS.

A graphical user interface for a system for monitoring steam turbine blade temperature utilizing measurement parameter values, said interface utilizing a computer for displaying a menu so as to allow selection for viewing of any of the following turbine diagram windows:

turbine overview;

HP turbine;

LP1 turbine;

LP2 turbine;

any other turbine included within the system;

wherein for each turbine, view windows selectable through said menu are provided, comprising:

turbine overview (Figures 5(b)-5(d), actual on-line turbine condition on a Mollier diagram (Figures 5(e)-5(g), and a trend diagram window (Figures 5(h)-5(j);

said turbine overview window (Figures 5(b)-5(d) for displaying a current value of blade temperature; and

said Mollier diagram (Figures 5(e)-5(g) and said actual turbine condition on said Mollier diagram (Figures 5(e)-5(g) being generated automatically by said computer based on thermodynamic calculations and blade temperature estimation by a hybrid artificial neural network.

*Complete Specification : 24 pages.*

*Drawing : 14 sheets*

Int. Cl<sup>7</sup> : C07F 07/08

Ind. Cl : 32D

Title : PROCESS FO THE PRODUCTION OF BIS(SILYLORGANYL) POLYSULPHANES

Applicant : DEGUSSA AKTIENGESELLSCHAFT OF WEISSFRAUENSTRASSE 9, D-60311, FRANKFURT, GERMANY

Inventor : 1. DR. JORG MUNZENBERG  
2. DR. PETER PANSTER.  
3. MATTHIAS PRINZ

Application no : 2332/CAL/1997 FILED ON 09.12.1997  
(CONVENTION NO. 19651849.0 FILED ON 13.12.1996 IN GERMANY.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

194893

5CLAIMS.

Process for the production of bis(silylorganyl)-polysulphanes of the general formula



in which

$R^1, R^2, R^3$ : mean identically or differently from each other, branched and unbranched alkyl and/or alkoxy groups having a chain length of 1-8 C atoms, wherein at least one alkoxy group is present, aryl residues, in particular phenyl, tolyl, benzyl;

$R^4$ : means a divalent alkylidene residue having a chain length of 1-8 C atoms, preferably 1 to 4 C atoms or  $-(CH_2)_n-C_6H_4-(CH_2)_n-$  ( $n=1$  to 4);

$x$  means a number  $>1$ , preferably from 2 to 8; by reacting haloalkylalkoxysilanes or haloalkoxysilanes of the general formula



in which

$R^1, R^2, R^3, R^4$  have the meaning from the formula (I) and

$X$  designates a halogen atom such as Cl, Br or I,

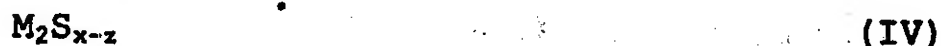
with a polysulphide of the general formula



wherein

$M$  denotes an alkali metal cation, half an

alkaline earth metal or zinc cation and  
 $x$  denotes a number from 2 to 8,  
 characterised in that in a first stage dehydrated  
 polysulphides according to the formula (III) are  
 obtained by reacting sulphides containing water of  
 crystallisation (sulphide hydrates) of the general  
 formula



in which  $M$  and  $x$  have the meanings as above,  $z$   
 designates a number from 1 to 7 and  $(x-z)$  is  $\geq 1$ , with  
 sulphur in the absence of an organic solvent under a  
 vacuum at a temperature of 60 to 300°C.

*Complete Specification : 16 pages. Drawing : NIL*

Int. Cl<sup>7</sup> : C02F 5/14

Id. Cl : 17A2, 103

Title : A METHOD OF INHIBITING DEPOSITION OF CALCIUM  
 OXALATE SCALE IN AN AQUEOUS ALCOHOL  
 FERMENTATION STREAM CONTAINING CALCIUM AND  
 OXALATE IONS.

Applicant : BETZDEARBORN INC. OF 4636, SOMERTON ROAD,  
 TREVOSE, PA 19053-6783, USA

194894

Inventor : 1. SILLIAM J PALARDY  
 2. NANCY A BIANGELO

Application no 114/CAL/1998 FILED ON 22.1.1998

(CONVENTION NO. 08/801272 FILED ON 18.2.1997 IN USA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
 2003) PATENT OFFICE KOLKATA.

#### 4CLAIMS.

A method of inhibiting the precipitation and deposition of calcium oxalate scale in an aqueous alcohol fermentation stream containing calcium and oxalate ions, comprising adding to said alcohol fermentation stream about 0.1 to 100 ppm lignosulfonate compound having a molecular weight of at least about 50,000 and about 01, to 100 ppm of a phosphate compound.

*Complete Specification : 11 pages. Drawing : NIL*



Int. Cl<sup>7</sup> : B65B 61/18 194895  
Ind. Cl. : 23H  
Title : A SELF-SUPPORTING PACKAGE.  
Applicant : SUMITOMO BAKELITE COMPANY LIMITED OF 5-8 HIGASHI SHINAGAWA-2-  
CHOME, SHINAGAWA-KU, TOKYO, JAPAN  
Inventor : YOU YOSHIDA

Application no. 1490/CAL/1998 FILED ON 27.8.1998

(CONVENTION NO. 09-235713 FILED ON 1.9.1997 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT  
OFFICE KOLKATA.

#### 8 CLAIMS.

A self-supporting package (1) comprising.

a front material (2) and a back material (3), a bottom material (4) folded in the form of an inverse V between the front material (2) and the back material (3), and

a straw-thrusting film (6) folded in the form of the letter V between the front material (2) and the back material (3) in inverse direction to the bottom material (4) and provided from one side seal to the other side seal of the package (1), wherein the front material (2), the back material (3), the bottom material (4) and the straw-thrusting film (6) each consists of a film having a seal layer and having flexibility, wherein the seal layer of the straw-thrusting film (6) is heat-welded to either one of the front material (2) and the back material (3),

And a seal part (7) is provided in the upper portion of the package (1) for closing said package, characterized in that the front material (2), the back material (3), the bottom material (4) and the straw-thrusting film (6) each consists of a composite film in that the upper edge of the straw-thrusting film (6) is positioned below the upper edge of the package (1), and in that said seal part (7) has an unsealed part (8) having a width of 2 mm or more in longitudinal direction including therein the upper edge of the straw-thrusting film (6) and a width in lateral direction within the width of the package (1).

Complete Specification : 13 pages.

Drawing : 4 sheets.

Int. Cl<sup>7</sup> : H01B 5/00

194896

Ind. Cl : 48

Title : AN ELECTRICAL TRANSMISSION AND SYSTEM IN  
CORPORATING THE SAME.

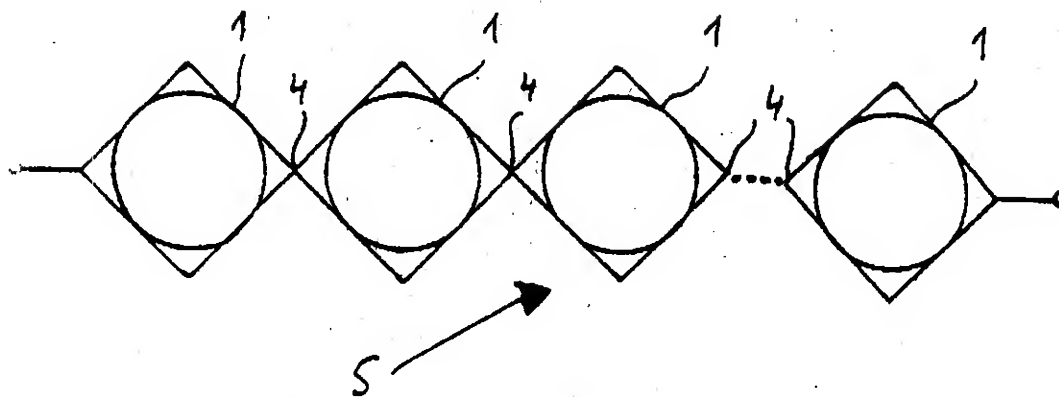
Applicant : MAHESH CHANDRA DWIVEDI, OF 53, SYED AMIR ALI  
AVENUE, 4<sup>TH</sup> FLOOR, CLACUTTA 7900019, WEST BENGAL  
INDIA.

Inventor : MAHESH CHANDRA DWIVEDI  
Application no 1609/CAL/1998 FILED ON 08.09.1998

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### 12 CLAIMS.

An electrically conducting lead consisting of a plurality of electrically conducting sections connected with each other in a chain (5,6), wherein said electrically conducting sections are electrically connected with each other one after the other at respective connection points (4) in said chain; each of said electrically conducting sections is in the form of a two-dimensional figure or a three dimensional figure; and neighbouring pairs of said electrically conducting sections are electrically connected with each other at said respective connection points (4) by soldering or twisting together.



*Complete Specification : 10 pages.*

*Drawing : 1 sheet*

Int. Cl<sup>7</sup> : B22D 19/00 C 22C 1/00 C22C 33/00

194897

Ind. Cl : 33C

Title : METAL CASTING MOULDED BODY COMPRISING A  
CAST-IN HARD MATERIAL BODY

Applicant : SCHWABISCHE HUTTENWERKE GMBH, OF  
WILHELMSTR. 67, 73433, AALEN-WASSERALFINGEN  
GERMANY.

Inventor : HERBST HORST

Application no 236/CAL/2002 FILED ON 26.4.2002

(CONVENTION NO. 101,22 886.4 FILED ON 11.5.2001 IN GERMANY.)

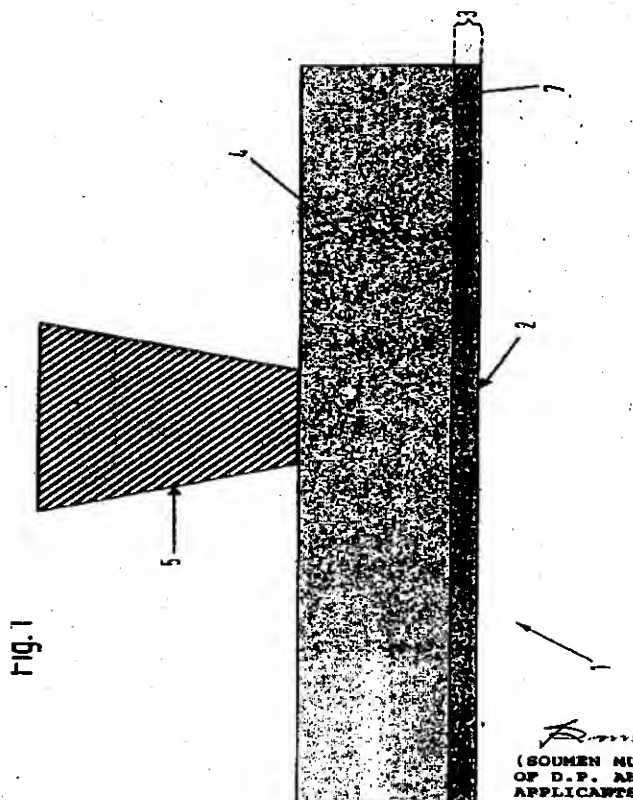
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES

2003) PATENT OFFICE KOLKATA.

### 28 CLAIMS.

A metal casting molded body (1) comprising at least one effective surface (2) for machining or processing a charging material, the metal casting molded body being formed from a compound material (3), wherein said compound material comprises at least one porous hard material body (7) in a casting matrix (4) made of a metallic casting material, said casting material being seeped into said hard material, and the charging material is a granulate material.

1 / 2



Complete Specification : 19 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : B05B 1/30

194898

Ind. Cl : 173 B

Title : AN IMPROVED IRRIGATION SPRINKLER.

Applicant : HYDROPLAN ENGINEERING LTD. OF DEVORA  
HANEVIA ST. PO BOX 58185, TELAVIV, ISRAEL.

Inventor : RAFAEL MEHOUDAR.

Application no : 2219/CAL/1997

(CONVENTION NO.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**14 CLAIMS.**

An irrigation sprinkler having a tubular housing; inlet and outlet ends of the housing; a sprinkler outlet fixedly located within the outlet end; and deflector element juxtaposed with respect to said sprinkler outlet; a flow control means comprising a base member separated from said sprinkler outlet and having a longitudinally directed wall and an outlet of the flow control means formed therein; said flow control means comprising a resiliently flexible membrane oriented co-directionally with said longitudinal wall; a first coupling means for sealingly coupling the base member to the housing inlet; a second coupling means for coupling the base member to a water supply; said sprinkler outlet communicating with said outlet of the flow control means.

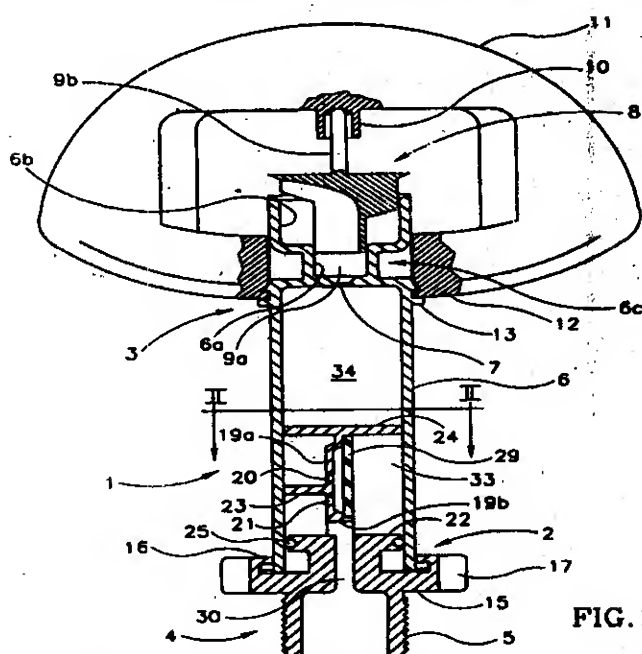


FIG. 1

Complete Specification : 15 pages.

Drawing : 4 sheets

Int. Cl<sup>7</sup> : C07C 319/20, 319/28 194899  
Ind. Cl. : 32C  
Title : PROCESS FOR PRODUCING METHIONINE.  
Applicant : SUMITOMO CHEMICAL COMPANY LIMITED OF 5-33 KITAHAMA-4-CHOME,  
CHUO-KU, OSAKA, JAPAN  
Inventor : 1. KATSU HARU IMI, 2. TETSUYA SHIOZAKI.

Application no. 1946/CAL/1997 FILED ON 17.10.1997

(CONVENTION NO. 08-290090 FILED ON 31.10.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT  
OFFICE KOLKATA.

### 5 CLAIMS.

A process for producing methionine which comprises the steps of :

- (A) adding at least one compound selected from potassium carbonate, potassium bicarbonate and potassium hydroxide to a solution containing 5-(B-methyl-mercaptoethyl) hydantoin to hydrolyze the 5-(B-methyl-mercaptoethyl) hydantoin to obtain a solution containing methionine,
- (B) saturating the solution containing methionine with carbon dioxide gas to deposit the methionine, and separating the deposited methionine while leaving a first filtrate behind,
- (C) dividing the first filtrate into a first part and a second part, returning the first part to step (A), and transferring the second part to step (D), wherein the first part of the first filtrate can be absent,
- (D) heating the second part of the first filtrate to obtain a heat-treated filtrate, adding a water-miscible solvent such as herein described to the heat-treated filtrate and saturating the heat-treated filtrate with carbon dioxide gas to deposit the methionine and potassium bicarbonate, and separating the deposited methionine and potassium bicarbonate while leaving a second filtrate behind, and
- (E) discharging the second filtrate or returning it to step (A), wherein in step (D) the second part of the first filtrate is heated at an approximate temperature of from 150 to 200 C, and wherein in step (D) the second part of the first filtrate is heated for an approximate period of from 0.3 to 10 hours.

Complete Specification : 19 pages.

Drawing : NIL.

Int. Cl<sup>7</sup> : F27D 17/00 C21B 13/00

Ind. Cl : 176 G

Title : AN IMPROVED METHOD OF RECOVERING MAXIMUM AMOUNT OF WASTER HEAT FROM OFFGAS OF A REACTOR.

Applicant : ORISSA SPONGE IRON LIMITED, OF 33A, J.L NEHRU ROAD 11<sup>TH</sup> FLOOR, CALCUTTA – 700 071, WEST BENGAL, INDIA.

Inventor : 1. MR. SAROJ KUMAR PATNAIK  
2. MR. MANSUR ALI KHAN

Application no 427/CAL/2000 FILED ON 27.7.2000

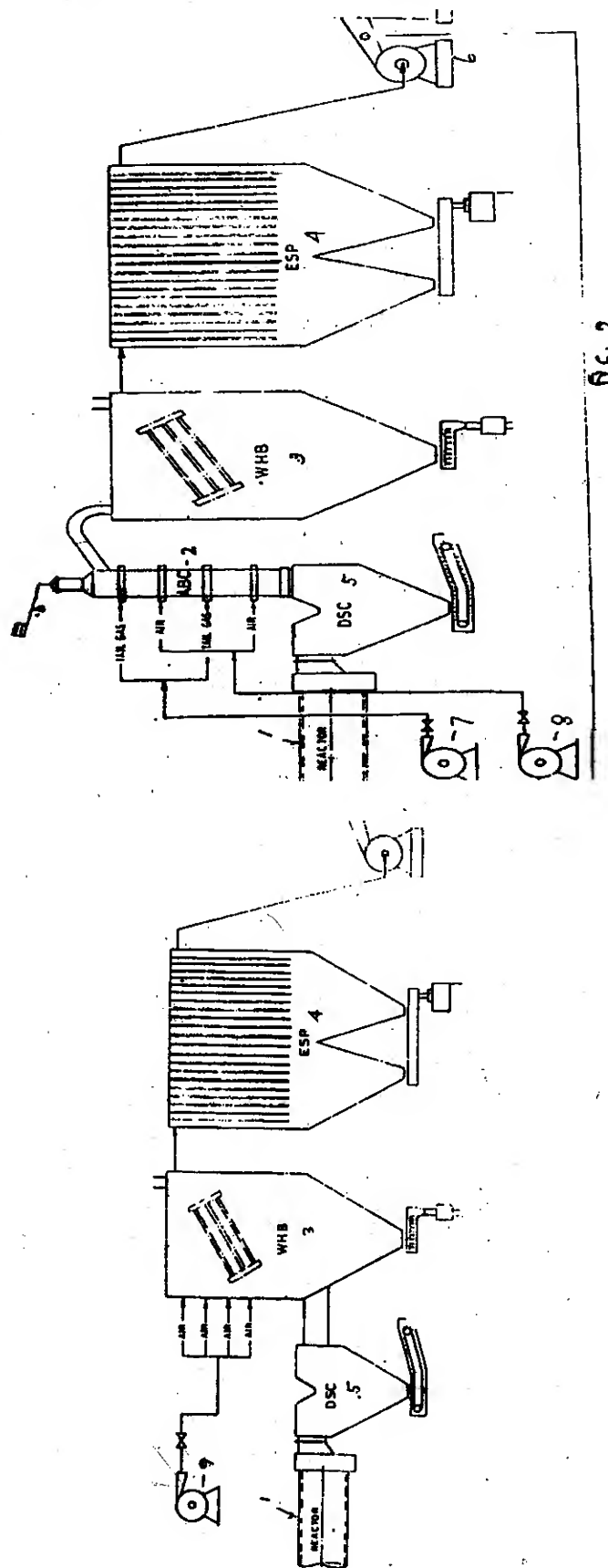
194900

*APPROPRATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **8 CLAIMS.**

An improved method of recovering maximum amount of waste heat from the off gas of a reactor which comprises the steps of -

- a) passing the waste gas coming out of a reactor (rotary kiln) (1) through a dust settling chamber (5) for separating the heavier dust particles from the gas ;
- b) burning the combustible of the gas coming out of said chamber inside an 'after burning chamber' (2) by admitting air at an elevated temperature to maximise incineration of combustibles ;
- c) maintaining the temperature of the resultant gas (flue gas) at a desired level of around 1000°C so as to prevent fusion of dust by recycling in a controlled manner some amount of flue gas going to the stack, and
- d) admitting said gas from dust combustion chamber (c) into the waste heat water boiler (3) for generation of steam wherein the temperature of the gas existing from said boiler is cooled to approximately around 180°C.



Complete Specification : 7 pages.

Drawing : 3 sheets

Int. Cl<sup>7</sup> : H02K 3/32

194901

Ind. Cl : 63D

Title : AN ELECTRIC PLANT FOR HIGH VOLTAGE AND  
ELECTRIC MOTOR THEREOF

Applicant : AB AB OF S-721 83 VASTERAS, SWEDEN.

Inventor : 1. MATS LEIJON  
2. LENNART BRANDT.  
3. LARS GERTMAR.

Application no 998/CAL/1997 FILED ON 29.5.1997

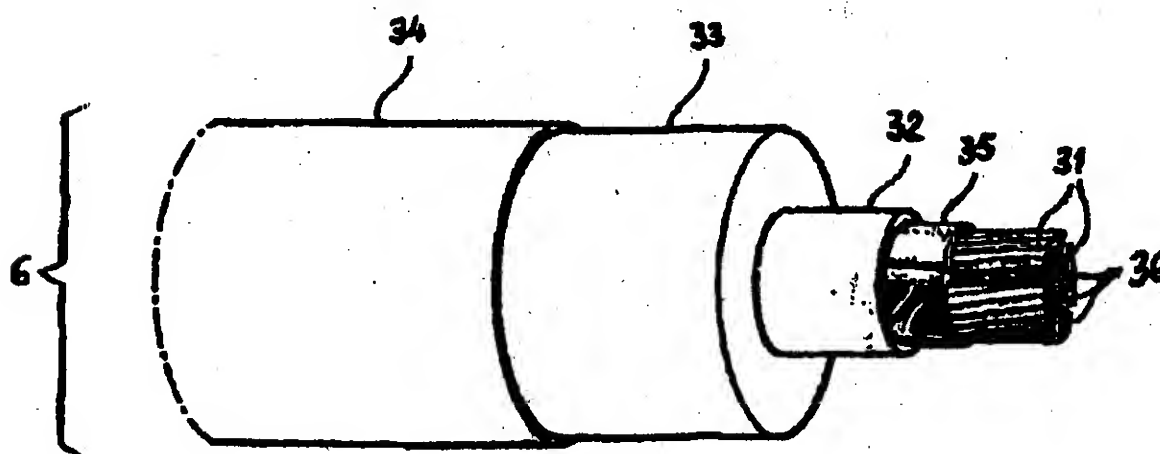
(CONVENTION NO. 960 2079-7 FILED ON 29.5.1996 IN SWEDEN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES

2003) PATENT OFFICE KOLKATA.

### 25CLAIMS.

An electric plant for high voltage, said plant being connected to a distribution network or transmission network, said plant consisting of one or more electric motors, each comprising at least one winding, characterized in that the winding of at least one of the electric motors comprises a high voltage cable (6) having an insulation system (35) with at least two semiconducting layers (32,34) each layer constituting essentially an equipotential surface, and an intermediate solid insulation (33) between the layers.



Complete Specification : 15 pages.

Drawing : 3 sheets



Int. Cl<sup>7</sup> : F01B 3/04, F02B 57/00 75/26

Ind. Cl : 175,107B

Title : IMPROVED AXIAL PISTON ROTARY ENGINES

Applicant : ADVANCED ENGINE TECHNOLOGY PTY LTD. OF UNIT 1, 2  
GREG CHAPPELL DRIVE, BURLEIGH GARDENS,  
QUEENSLAND, 4220, AUSTRALIA

Inventor : MANTHEY STEVEN CHARLES.

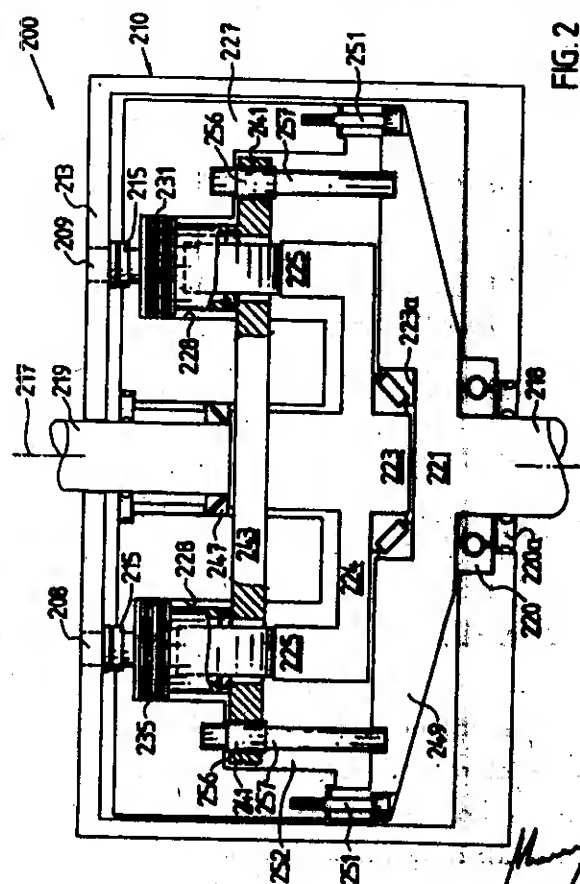
Application no 108/CAL/1998 FILED ON 21.1.1998

194902

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**20 CLAIMS.**

A rotary internal combustion engine of the type having a rotor assembly supported in a housing for rotation about a longitudinal axis, said housing having two spaced apart end plates and said axis being the axis of rotation of an output shaft operatively connected at one end to said rotor assembly, the other end being free and passing through an aperture in one of said end plates, said rotor assembly having a plurality of pistons mounted for reciprocating movement in respective cylinders provided in spaced relation around said longitudinal axis, and cam follower means operatively connected to each piston and adapted to coact with an undulating cam track supported around said axis of rotation and between said end plates, means being provided for conveying combustible fuel to and/or conveying exhaust gases from the operative ends of the cylinders whereby cyclical combustion of said fuel in said cylinders may impart reciprocation to said pistons with resultant thrust against said cam track so as to cause rotation of said rotor assembly and output shaft; wherein said plurality of pistons are provided in two or more sets, each having two or more pistons disposed in spaced relation around said axis of rotation and interconnected by piston connecting means so that the pistons of each set move in unison, said cam follower means and said cam track being provided so that the direction of movement of one set of pistons is generally opposite to the direction of another set of pistons and that said cam track is mounted to a support stem or shaft disposed substantially centrally thereof and extending in the direction of said longitudinal axis, said support stem or shaft being supported at one end by the other of said end plates and the axis of said cam track being the axis of rotation of rotor assembly.



Int. Cl<sup>7</sup> : A63H 19/26 194903  
Ind. Cl. : 159M  
Title : PENDULAM VEHICALE.  
Applicant : SUDHIR KUMAR MUKIM OF 209 A BIDAN SARANI THIRD FLOOR, KOLKATA  
700 006, INDIA.  
Inventor : SUDHIR KUMAR MUKIM.

Application no. 1053/CAL/1998 FILED ON 15.6.1998.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 34 CLAIMS.

A 'PENDULUM VEHICLE' an autonomous transportation system made on more than one similar pendulums in longitudinal position made on equidistant both side fixed vertical pillars of same height placed at equal distance where each pendulum comprises of a suspension beam, made on from equidistance strips connected serially in lateral position vertically with the help of an upper most horizontal strip connected and swinging on suspension place fixed on both side vertical pillars comprising a joining car, a hollow cylinder like body containing two hollow similar joining cylinders in horizontal position with elongated scars on lower side horizontal position comprising joining hand in each cylinder a solid cylinder like body twice the length of hollow cylinder connected with operating handle by chain attached with middle downward position swinging in the lower sides, suspending in the middle of suspension beam by an adjusting cum suspending rod revolving on horizontal position and comprised of vehicles comprising shock absorbers, room, balancing solid, four revolving wheels and a joining aperture the length of which one is equal to the half of the joining hand while the diameter is twice the diameter of joining hand, capable to move from one station to another nearby station through movement of suspension beam, where in the station the suspension beam is stopped by stoppers attached on pulling chambers and after connection of vehicle into suspension beam in between stopping rod and the last pulling chamber nearest to the middle of station where stopping rod is situated with the help of joining hands of the joining cars with the joining cones attached permanently to the lowest outside end of suspension beam internally.

Complete Specification : 23 pages.

Drawing : 13 sheets.

Int. Cl<sup>7</sup> : F23D 1/00

Ind. Cl : 28C

Title : MULTI-STAGE GRAVITATIONAL BARREL BURNER

Applicant : KASHINATH GHOSH, OF VILL – BABAMALIPUR,  
POST OFFICE, BARASAT, NORTH 24 PARGANAS,  
743201, WEST BENGAL, INDIA.

Inventor : KASHINATH GHOSH

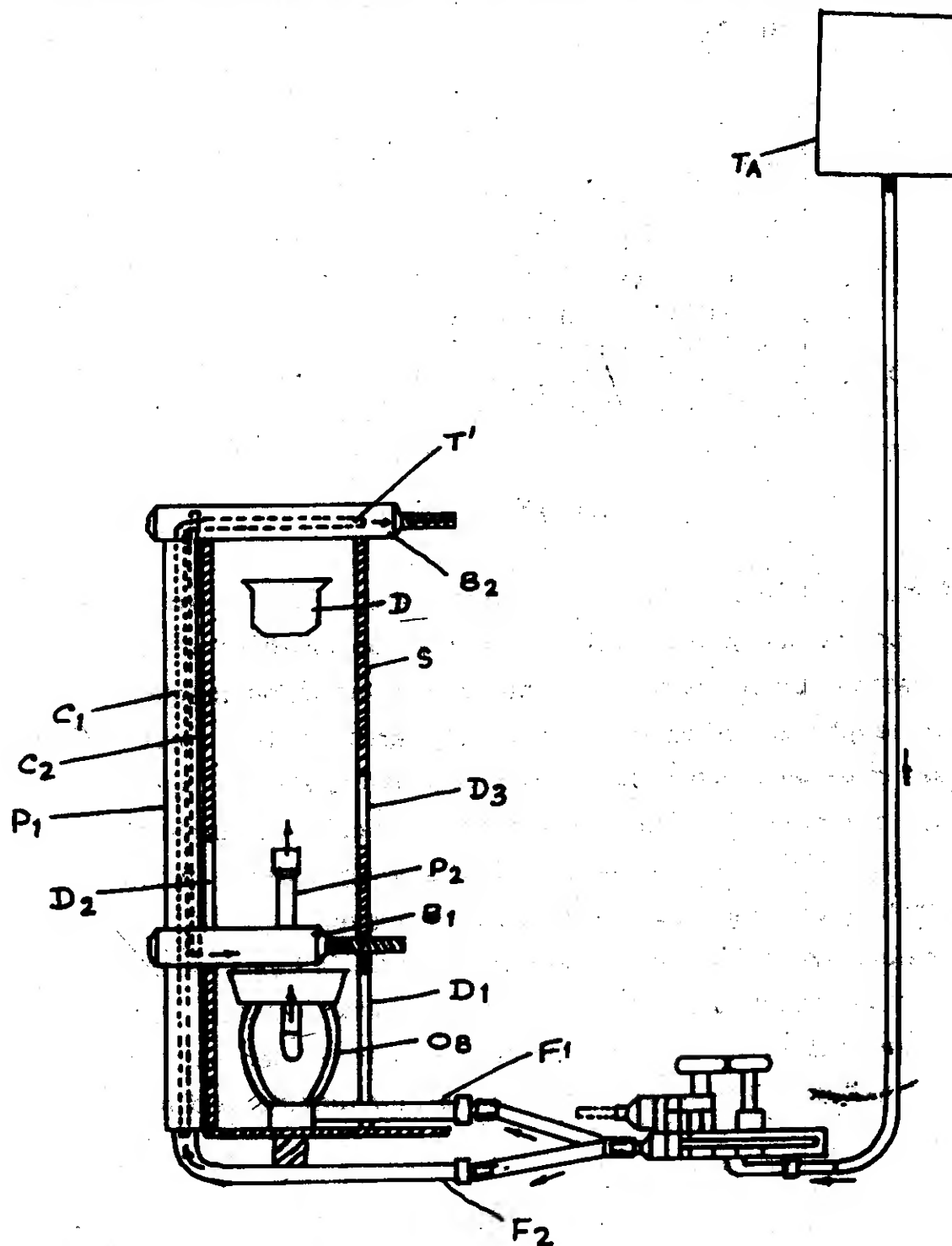
Application no : 572/CAL/1999 FILED ON 23.6.1999

194904

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 11 CLAIMS.

A multi-stage gravitational barrel burner comprising a substantially cylindrical support structure (S) having an outwardly distended upper open portion and an inwardly distended base portion forming there between an internal hollow portion; a plurality pair of clamping slots equidistantly provided on a cylindrical circumferential surface of said substantially cylindrical support structure (S); at least one pair of tubes (T' and T'') defining a flow-passage having a length greater than the diameter of said internal hollow portion projectingly disposed on said plural clamping slots in a spaced-apart parallel relationship; at least two pairs of cylindrical barrels (B<sub>1</sub>, B<sub>1</sub>', B<sub>2</sub>, B<sub>2</sub>') having a length in a matching relationship with said diameter of said internal hollow portion, an upper pair of said at least two pair of barrels (B<sub>2</sub> and B<sub>2</sub>') encompassing said at least one pair of tubes (T' and T''), the lower pair (B<sub>1</sub> and B<sub>1</sub>') having an annular hole in a forward front face around a center axis of said substantially cylindrical support structure (S), an oil-fired burner (O<sub>B</sub>) disposed on said base portion, a jetting nozzle disposed on said lower pair of barrels (B<sub>1</sub> and B<sub>1</sub>') projecting upwardly through said annular hole for jetting a flame; an overhead oil tank (T<sub>A</sub>) disposed at a height higher than the height of the upper pair of said at least two pairs of cylindrical barrels (B<sub>2</sub> and B<sub>2</sub>'); the overhead oil tank (T<sub>A</sub>) being flowably connected to said oil-fired burner (O<sub>B</sub>), to said lower pair of barrels (B<sub>1</sub> and B<sub>1</sub>') and to said one pair of tubes (T' and T'') via a tubular network having control means (V<sub>1</sub>, V<sub>2</sub>, V<sub>2</sub>') for supply of oil under gravitational pressure; characterized in that a beaker-shaped member (D) having plural through-holes is disposed below said upper pair of cylindrical barrels (B<sub>2</sub> and B<sub>2</sub>') for swirling the flue-gas generated by a primary heating of the oil delivered to said lower pair of barrels (B<sub>1</sub> and B<sub>1</sub>') by said oil-fired burner (O<sub>B</sub>) such that the hot flue-gas extends in the swirling direction to achieve a multi-stage heating of the oil interposed in said at least one pair of tubes (T' and T'') and in said lower pair of cylindrical barrels (B<sub>1</sub> and B<sub>1</sub>') thereby exponentially increasing the primary heat-input by said oil-fired burner (O<sub>B</sub>).



Complete Specification : 10 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : C03B 37/012

194905

Ind. Cl : 146

Title : A MANUFACTURING METHOD FOR OPTICAL FIBER PREFORM

Applicant : FUJIKURA LTD, OF 5-11, KIBA 1-CHOME, KOHTOH-KU  
TOKYO, JAPAN

Inventor : 1. ITOH SAYAKA  
2. HORIKOSHI MASAHIRO

Application no 646/CAL/2002 FILED ON 20.11.2002

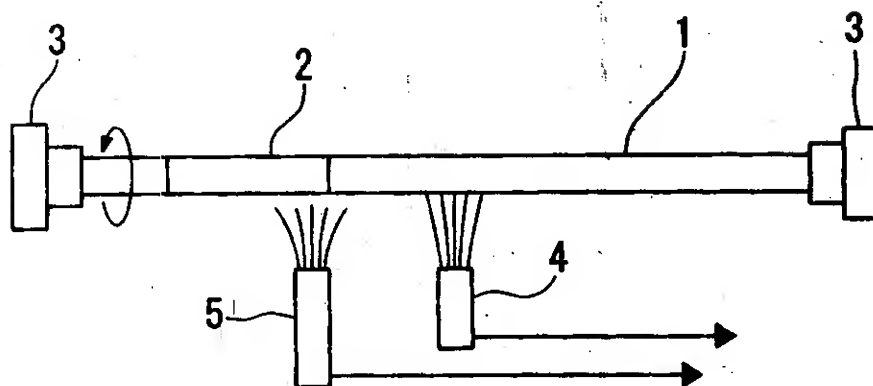
(CONVENTION NO. 2001-367635 FILED ON 30.11.2001 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

## 2CLAIMS.

A manufacturing method for an optical fiber preform, involving a step for forming the porous layer to form an optical fiber precursor porous material, by depositing glass particles in the radial direction on an outer peripheral portion of a cylindrical starting material provided with glass material which forms a core, a sintering step for sintering said porous material to manufacture said optical fiber preform, a heating step for heating a surface of said starting material, provided adjacently before a step for forming said porous layer,

wherein the surface of said starting material is heated to 600°C or more in said heating step for heating the surface of said starting material, and the surface of said porous layer when depositing said glass particles is 800 to 1150°C in said step for forming said porous layer.



Complete Specification :12 pages.

Drawing :1 sheets

Int. Cl<sup>7</sup> : F02P 3/08, F02P 11/04

Ind. Cl : 68 E3

Title : IGNITION DEVICE OF CAPACITOR CHARGING AND DISCHARGING TYPE

Applicant : 1. SHINDENGEN ELECTRIC MANUFACTURING CO. LTD, OF 2-1, OHTEMACHI -2-CHOME, CHIYODA-KU TOKYO, JAPAN.  
2. HONDA GIKEN KOGYO KABUSHIKI KAISHA OF 1-1 MINAMIAOYAMA-2-CHOME, MINATO-KU, TOKYO JAPAN

Inventor : 1. MASAMI KAWABE  
2. TADAHIRO TAGUCHI  
3. TAKESI KONNO

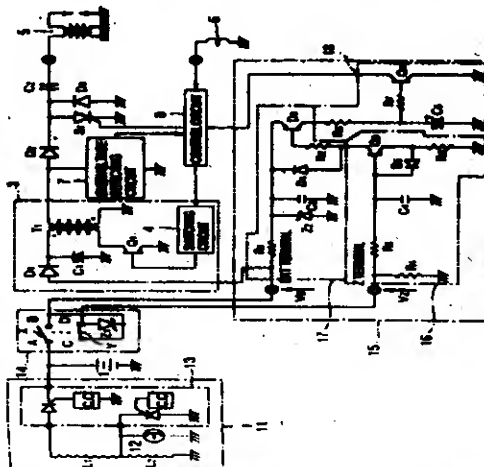
Application no 2304/CAL./1997 FILED ON 5.12.1997  
(CONVENTION NO. 08-352383 FILED ON 13.12.1996 IN JAPAN.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

194906.

**CLAIMS.**

A shifting mechanism (12) for a mechanical transmission (10) having a plurality of selectable gear ratios, the shifting mechanism (12) comprising:

a selector shaft (74;120) having a plurality of shift forks (66;70;72; 24;126;128;136) positioned thereabout, wherein rotation of the selector shaft (74;120) selects one of the shift forks and translation of the selector shaft (74) is operative to translate the selected shift fork to engage or disengage a selected gear ratio; a cylinder assembly (84;160) having a control rod (82;144) operatively associated with the selector shaft (74;120) to apply a force on the selector shaft (74;120) in response to movement of a gear shift lever (76), the shifting mechanism being characterized by the control rod (82; 144) being directionally coupled to the selector shaft (74; 120) for positive rotation therewith while allowing a predetermined relative axial translation therebetween, by the control rod being located within said selector shaft and by the cylinder assembly providing a fluid coupling therebetween in response to relative translation between the selector shaft (74;120) and the control rod (82;144).



Complete Specification : 16 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : C07C 29/86 C07C 29/16

194907

Ind. Cl : 32B

Title : AN IMPROVED PROCESS FOR PRODUCING LOW  
REACTED COLOUR TRIMETHYLOLPROPANE

Applicant : CELANESE INTERNATIONAL CORPORATION OF  
1601 WEST LBJ FREEWAY, DALLAS, TEXAS 75234  
USA.

Inventor : 1. CAROLYN SUPPLEE.  
2. RODOLFO W. LAUREL  
3. GEROGE C SEAMAN.

Application no 1695/CAL/1998 FILED ON 22.9.1998

(CONVENTION NO. 08/951,6087 FILED ON 16.10.1997 IN USA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 19 CLAIMS.

A process for producing low reacted color trimethylolpropane (TMP) comprising recovering crude trimethylolpropane from a heated one phase solution of trimethylolpropane in an organic solvent and water, allowing the solution to cool and separate into at least two phases and recovering the trimethylolpropane from the aqueous phase.

*Complete Specification : 14pages.*

*Drawing : NIL*



Int. Cl<sup>7</sup> : F16H 61/38 194908

Ind. Cl : 127 I

Title : A SHIFTING MECHANISM FOR A MECHANICAL TRANSMISSION

Applicant : EATON CORPORATION OF 1111 SUPERIOR AVENUE CLEVELAND, OHIO 44114, USA

Inventor : 1. GRAEME ANDREW JACKSON  
2. ALAN JOHN FIELDING

Application no 2011/CAL/1998 FILED ON 13.11.1998  
(CONVENTION NO. 9724065.9 FILED ON 15.11.1997 AND 9726439.4 FILED ON 16.12.1997 IN UK)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### 18 CLAIMS.

**A shifting mechanism (12) for a mechanical transmission (10) having a plurality of selectable gear ratios, the shifting mechanism (12) comprising:**

**a selector shaft (74;120) having a plurality of shift forks (68,70,72; 24,126,128,130) positioned thereabout, wherein rotation of the selector shaft (74;120) selects one of the shift forks and translation of the selector shaft (74) is operative to translate the selected shift fork to engage or disengage a selected gear ratio; a cylinder assembly (84,136) having a control rod (82;144) operatively associated with the selector shaft (74;120) to apply a force on the selector shaft (74;120) in response to movement of a gear shift lever (76), the shifting mechanism being characterized by the control rod (82; 144) being directionally coupled to the selector shaft (74: 120) for positive rotation therewith while allowing a predetermined relative axial translation therebetween, by the control rod being located within said selector shaft and by the cylinder assembly providing a fluid coupling therebetween in response to relative translation between the selector shaft (74:120) and the control rod (82:144).**

*Complete Specification :22 pages.*

*Drawing :5 sheets*

Int. Cl<sup>7</sup> : C22C 38/00 C21D 1/00

Ind. Cl : 9D,108C (3) 205B, 205G

Title : AN IMPROVED PROCESS FOR MANUFACTURING WHEELS OF RAILWAY WAGONS AND COACHES

Applicant : STEEL AUTHORITY OF INDIA LIMITED,  
OF DORANDA, RANCHI - 834 002 BIHAR, INDIA

Inventor : 1. UMESH PRASAD SINGH  
2. ANIL MOHAN POPLI  
3. DINESH KUMAR JAIN  
4. BASUDEO ROY  
5. SUKHAKER JA

Application no : 524/CAL/1998 FILED ON 27.3.1998

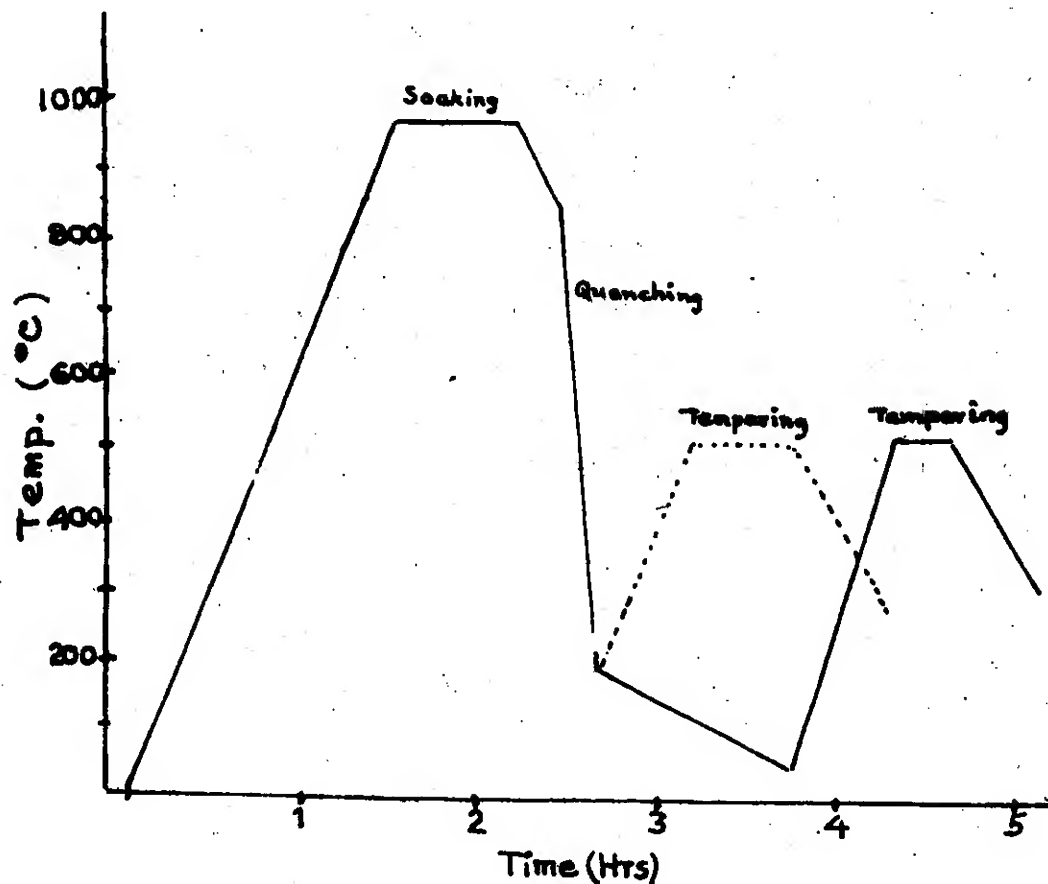
194909

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

### 1 CLAIMS.

An improved process for manufacturing wheels of railways wagons and coaches, having higher wear resistance, fracture toughness and strength, comprising the steps: (a) producing molten steel of composition such as herein described, in an electric arc furnace of 10 tonne capacity by charging ingredients, such as herein described, in the furnace and additional ingredients, such as herein described, in ladles; (b) casting the molten steel into pencil ingots of weight 2 tonne each in moulds, such as herein described; (c) cutting the ingots into blocks; (d) forging and rolling the blocks into wheels in a known manner; and (e) subjecting the wheels to a heat treatment, such as herein described; characterised in that (i) the ingredients charged into the furnace comprise wheel punch, ferro-alloys Fe-Si, Fe-Mn, Fe-Mo and aluminium bars, and the ingredients charged into ladle comprise ferro-alloy Fe-V and a slag containing lime 60%, Al shots - 25% and  $\text{CaF}_2$  - 15% by weight, in proportion required to make the composition of the steel produced different from that of the existing composition (C-0.52% max, Mn - 0.60/0.80%, Si - 0.15/0.40%, Cr - 0.25% max, Ni - 0.25% max, Mo - 0.06% max, Cu - 0.28% max, V - 0.05% max, P  $\leq$  0.03%, S  $\leq$  0.03% and H  $\leq$  3ppm) only in respect of the contents of micro alloys elements Mo, Al, V and Nb which are respectively 0.12-0.20%, 0.015-0.03%, 0.10-0.20% and 0.02-0.05% by weight; (ii) the moulds used are pre-coated with graphite and pre-dried; and (iii) the heat treatment applied to the wheels comprises heating the wheels in a furnace to a temperature of 920-950°C, soaking the wheels at 920-950°C for

one hour and allowing the wheels to cool in natural air for 4-5 hours whereas the wheels of existing composition are heated and soaked at similar temperatures and for similar duration, and after being taking out from furnace are rim quenched for 5 minutes and thereafter tempered at 500°C temperature in furnace for 1.5 hours under hot charged condition and for 2.5 hours under cold charged condition and finally cooled in natural air.



Complete Specification : 10 pages.

Drawing : 2 sheets

Int. Cl<sup>7</sup> : B29C 45/64 45/03

194910

Ind. Cl : 136F

Title : AN ENCLOSED FRAME CLOSING SECTION OF A PLASTIC INJECTION MOULDING MACHINE

Applicant : CON-HYDE INDIA (PVT) LTD. 31A, S.P. MUKHERJEE ROAD CALCUTTA - 700 025, INDIA

Inventor : ALOKE GHOSH

Application no 352/CAL/1998 FILED ON 4.3.1998

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

**8 CLAIMS.**

An enclosed frame closing section of a plastic injection moulding machine, said closing section comprising an enclosed frame (22) fitted to a base (24) and formed in two parts of rectangular section: a left end platen (6) and a right mould platen (8) being mounted respectively on the left and right side of said enclosed frame (22): a moving platen (7) carrying left mould half (9) fitted to a locking piston (20) of a locking cylinder (19) and said right mould platen (8) carrying a right mould half (10); two guide rods (15) provided on said base (24) on either side of said enclosed frame (22) for guiding the movement of said moving platen (7) during forward and backward movement of locking piston (20) for closing and opening of said mould halves.

***Complete Specification : 14 pages.******Drawing : 3 sheets***

Int. Cl<sup>7</sup> : H01Q 5/00 H01Q 9/36, H01Q 9/40 194911

Ind. Cl : 206A

Title : DUAL BAND ANTENNA FOR MOBILE COMMUNICATION

Applicant : SAMSUNG ELECTRONICS CO. LTD OF 416, MAETAON-DONG  
PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA.,

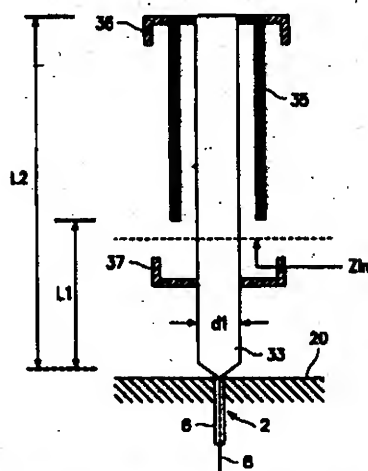
Inventor : 1. DONG-IN HA  
2. HO-SOO SEO  
3. ALEXANDRE GOUDELER  
4. KONSTANTIN KRYLOV

Application no 100/cal/1998 FILED ON 20.1.1998  
(CONVENTION NO. 25177/1997 FILED ON 17.6.1997 in KOREA.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 10 CLAIMS.

A dual antenna for mobile communications comprising :

- a hollow cylindrical choke, one end thereof being open;
- a radiating element having a first end connected to an inner conductor of a coaxial feed line and a second end disposed within said choke and connected to a short-circuited end of said choke;
- a ground plane connected to an outer conductor of said coaxial feed line;
- a first capacitive load connected to said radiating element at a predetermined distance from the open end of said choke; and
- a second capacitive load connected to the short-circuited end of said choke.



Complete Specification : 15 pages.

Drawing : 3 sheets

Int. Cl<sup>7</sup> : H04N 0091/68

194912

Ind. Cl : 146D(1)

Title : METHOD AND APPARATUS FOR IMAGE PROCESSING  
IN A DEPTH DIRECTION

Applicant : GE YOKOGAWA MEDICAL SYSTEMS LTD, OF 7-127,  
ASAHIGAOKA 4-CHOME, HINO-SHI, TOKYO 191, JAPAN

Inventor : 1. HIROSHI HASHIMOTO

2. SHINICHI AMEMIYA

3. SEI KATO

Application no 1837/CAL/1997 FILED ON 20.9.1997

(CONVENTION NO. 8-266066 FILED ON 7.10.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 2CLAIMS.

A method of processing images in a depth direction,  
comprising the steps of:

selecting a pixel to be processed from image data;

commencing a maximum intensity projection (MIP) processing

of a selected Doppler Power value for the selected pixel;

wherein the method comprises the steps of:

ending the MIP processing after the Doppler Power value has

first passed a first threshold value in a depth direction of

value to be extracted and then when the Doppler Power value

returns to a second threshold value; and

repeating the foregoing steps of selected pixels of all image

data along a depth direction, whereby accurate positional in-

formation in the depth direction is obtained.

*Complete Specification : 44 pages.*

*Drawing : 20 sheets*

Int. Cl <sup>7</sup>	:	E04T 1/04, E04G 1/14	194913
Ind. Cl	:	27M, 27K	
Title	:	A SCOFFOLDING STRUCTURE AND A UNITARY FRAME BODY STRUCTURE THEREFOR	
Applicant	:	TATSUO ONO OF 1-CHOME, 10-BAN, 1-GO KAKIGARA-CHO, NIHOBASHI, CHUO-KU, TOKYO, JAPAN	
Inventor	:	TATSUO ONO	
Application no	:	510/CAL/1999 FILED ON 01.06.1999	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**22CLAIMS.**

A scaffolding structure comprising :

a support post having an axial direction and a radial direction, said support post having first and second ends ;

a first support post connector arranged at said first end of said first support post, said first support post connector comprising a flange welded to said support post ;

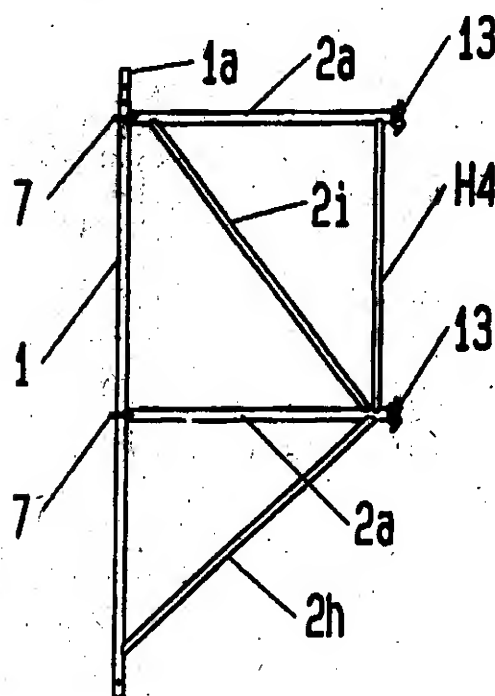
a second support post connector arranged at a substantially axial middle of said support post, said second support post connector comprising a flange welded to said support post ;

an end radial member extending radially from said support post, said end radial member having first and second ends, said first end of said end radial member being connected to said first support post connector ;

a first lateral connector arranged on said second end of said end radial member, said first lateral connector and said first support post connector being arranged at an axial distance from one of the ends of said support post ;

a diagonal member having a first and second end, said first end of said diagonal member extending from said second end of said support post in both said radial and axial directions of said support post ;

a second lateral connector arranged on said second end of said diagonal member, said second lateral connector and said second end of said diagonal member being arranged at substantially same axial distance from one of the ends of said support post as said second support post connector.



*Complete Specification : 49 pages.*

*Drawing : 24 sheets*



Int. Cl<sup>7</sup> : F01N 3/22

194914

Ind. Cl : 6

Title : AN APPARATUS COMPRISING A HOUSING AND A HONEY COMB BODY.

Applicant : EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE  
OF HAUPTSTRASSE 150, D-53797, LOHMAR, GERMANY

Inventor : 1. WOLFGANG MAUS.

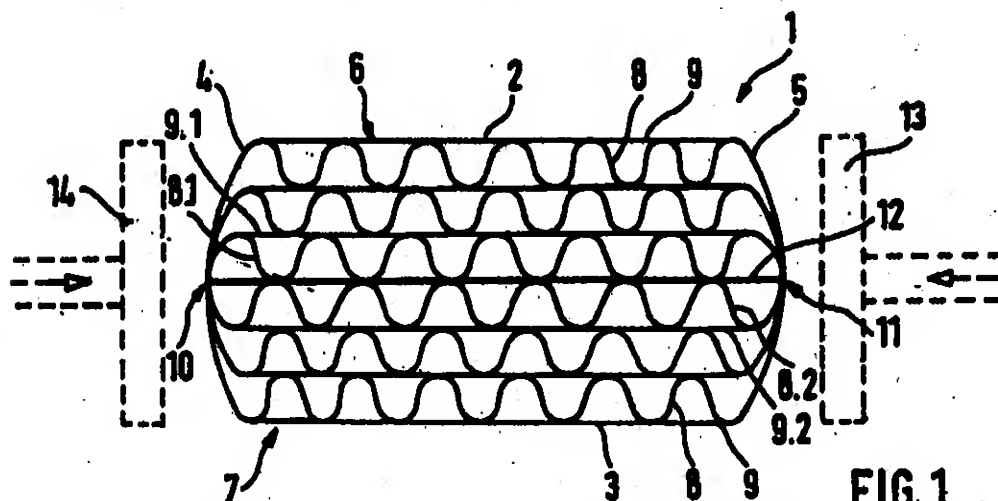
2. ROLF BRUCK

Application no 145/CAL/1998 FILED ON 28.01.1998

(CONVENTION NO. 19704690.8 FILED ON 7.2.1997 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**26 CLAIMS.**

An apparatus comprising a housing having a top shell portion (34) and a bottom shell portion (35) which form a cavity, as well as a honeycomb body (1; 1.1, 1.2, 1.3, 1.4, 1.5; 32, 33) having a top side (2), a bottom side (3), a first end face (6) and a second end face (15) as well as a first lateral edge region (4) and a second lateral edge region (5) wherein the honeycomb body (1; 1.1, 1.2, 1.3, 1.4, 1.5; 32, 33) has a flattened cross-sectional region and wound sheet layers (7) which are preferably already coated with catalytically active material (22), wherein at least a portion (8; 8.1, 8.2, 8.3; 8.4) of the sheet layers is structured and all sheet layers have a first common fixing zone (10) which is arranged in the first lateral edge region (4), characterized in that the housing is configured to receive a wall (25) which divides the cavity into two regions (26, 27), wherein the honeycomb body (1; 1.1, 1.2, 1.3, 1.4, 1.5; 32, 33) is arranged around the wall (25) in such a way, that the wall (25) is projecting over the end faces (6, 15).

**FIG. 1**

Complete Specification : 22 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : B01J 21/06 21/20 C07C 45/00 194915

Ind. Cl : 40B

Title : A METHOD FOR PREPARING THE SUPPORTED CATALYST

Applicant : SETON HALL UNIVERSITY, OF 400 SOUTH ORANGE AVENUE, SOUTH ORANGE, NEW JERSEY 07079, USA

Inventor : 1. SETRAK K. TANIELYAN  
2. ROBERT L. AUGUSTINE

Application no 2429/CAL/1997 FILED ON 22.12.1997  
(CONVENTION NO. 60/034,338 FILED ON 23.12.1996 IN USA.)  
*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **22 CLAIMS.**

A method of preparing the supported catalyst comprising a support, an anchoring agent, and a metal complex, wherein the anchoring agent is a heteropoly acid, its lacunar or other crystalline or non-crystalline phase or the respective anion comprising the steps of:

- (i) contacting a support with a heteropoly acid or anion in a weight ratio of 0.01 : 1 to 20 : 1 with the support at a temperature of from -25° to 250°C for a period of time of from about 1 min. to 50 hrs to form a heteropoly acid or anion-containing support;
- (ii) contacting a metal complex with said heteropoly acid or anion-containing support at a concentration to provide a molar ratio of said metal complex to said heteropoly acid or anion of from 0.1 : 1 to 6 : 1 under conditions effective to form a supported catalyst; and
- (iii) optionally, recovering said supported catalyst.

*Complete Specification : 58 pages.*

*Drawing : 1 sheets*

Int. Cl<sup>7</sup> : C09B 67/22 C09D 11/02

194916

Ind. Cl : 32A

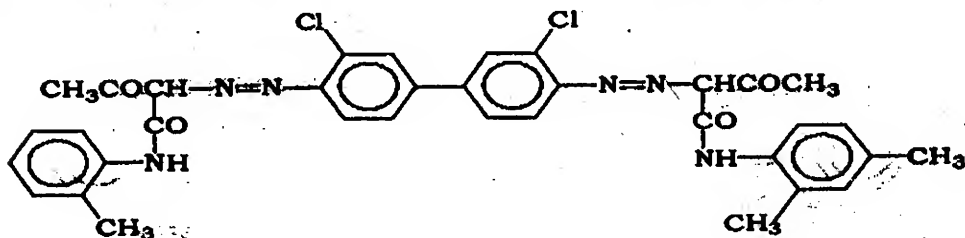
Title : A PROCESS FOR PRODUCING AN ADDITIVE FOR A  
DISAZO PIGMENT AND A PROCESS FOR PRODUCING  
A PIGMENT COMPOSITION WITH THE ADDITIVE SO  
PRODUCEDApplicant : DAINIPPON INK AND CHEMICALS INC, OF 35-58,  
SAKASHITA 3-CHOME, ITABASHI-KU, TOKYO, JAPAN.Inventor : 1. HIROHITO ANDO  
2. SHIGETO AOKI  
3. SADAYUKI TOMIOKA  
4. NAGATOSHI KOBAYASHI

Application no 409/CAL/1999 FILED ON 3.5.1999

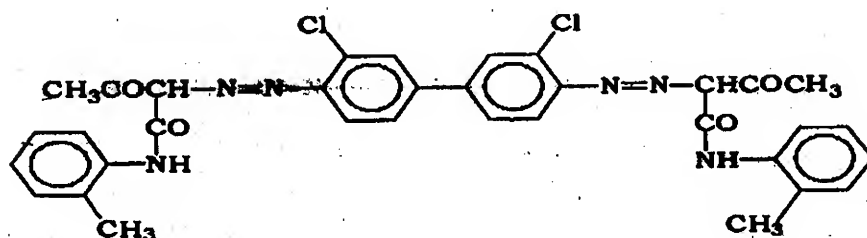
(CONVENTION NO. 10-127335 FILED ON 11.5.1998 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003). PATENT OFFICE KOLKATA.**10 CLAIMS.**

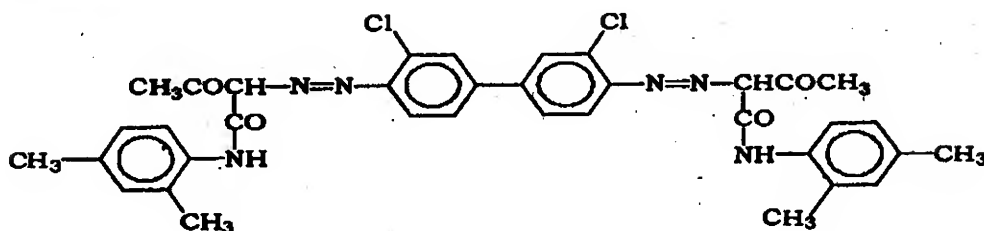
A process for producing an additive for a disazo pigment, the additive containing  
six types of disazo compounds represented by the following formulae (I) to (VI):



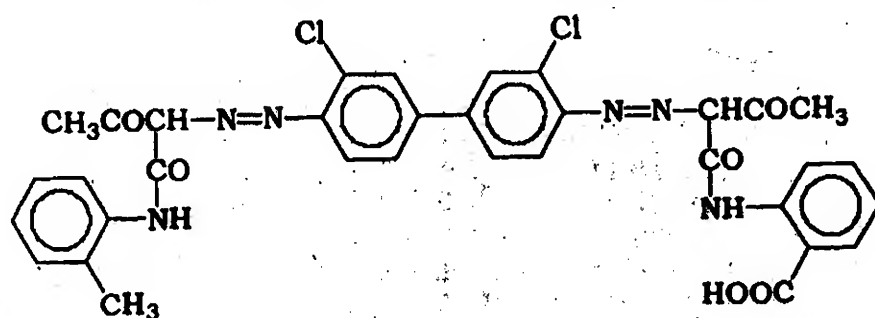
... Formula (I)



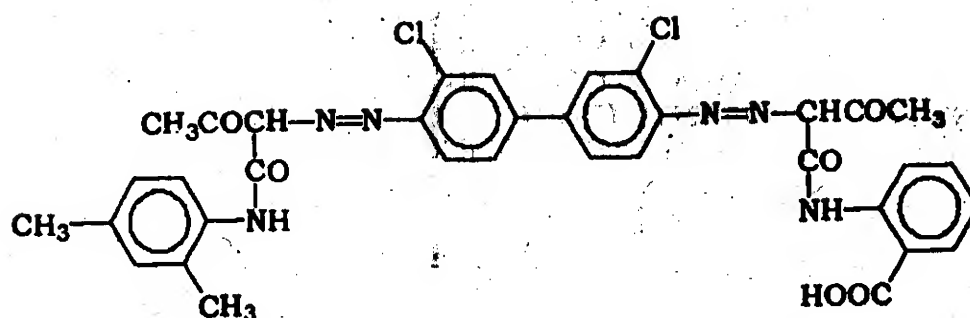
... Formula (II)



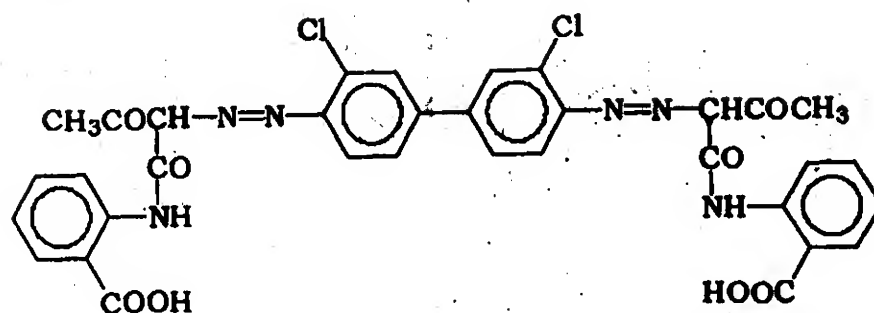
... Formula (III)



... Formula (IV)



... Formula (V)



... Formula (VI)

the process comprising the step of reacting 39 - 47 mol% of acetoacetic acid m-xylidide, 11 - 19 mol% of acetoacetic acid o-toluidide, and 38 - 46 mol% of 2-acetoacetyl amino benzoic acid, as coupler components, with a tetrazo compound of 3,3'-dichlorobenzidine, as a tetrazo component under acidic condition at a pH of 3 to 6 and at a temperature of 5° to 30°C.

*Complete Specification : 51 pages.*

*Drawing : NIL*

Int. Cl<sup>7</sup> : C23C 16/00

194917

Ind. Cl : 194

Title : METHOD FOR INCREASING THE YIELD OF THE  
PROCESSES OF DEPOSITION OF THIN LAYERS ONTO  
A SUBSTRATE

Applicant : SAES GETTERS SPA OF VIALE ITALIA 77, I-20020 LAINATE  
ITALY

Inventor : 1. CONTE ANDREA  
2. MAZZA FRANCESCO  
3. MORAJA MARCO

Application no IN/PCT/2001/992 FILED ON 25.9.2001

(CONVENTION NO. MI99A000744 FILED ON 12.4.1999 IN ITALY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.*

### **10CLAIMS.**

Method for increasing the yield of the processes of deposition of thin layers onto a substrate, comprising contacting a getter device in activated form with the working atmosphere within a process chamber when the sum of partial pressures of reactive gases in the chamber is lower than about  $10^{-3}$  mbar, and when no actual production substrate is being processed, by using the automated substrate handling equipments and procedures used in the manufacturing steps at least for removing the getter device from the processing chamber while the latter being maintained under vacuum or at the pressure required for said process of deposition.

***Complete Specification : 21 pages.***

***Drawing : 7 sheets***

Int. Cl<sup>7</sup> : B21D 39/00

194918

Ind. Cl : 175F

Title : A METHOD OF PRODUCING A SPIRAL WOUND GASKET  
AND A DEVICE FOR PRODUCING THE SAME.Applicant : NIPPON PILLAR PACKING CO. LTD, OF 11-48,  
NONAKAMINAMI 2-CHOME, YODOGAWA-KU, OSAKA-SHI,  
OSAKA-FU, JAPANInventor : 1. 1. HIDEITO HASHIGUCHI  
2. 2. MASAHIKO TAKAOKA  
3. 3. KEIJI OKADA  
4. 4. SHOJI KATO  
5. 5. MASAO KONAKAApplication no : 151/KOL/1999 FILED ON 26.2.1999  
(CONVENTION NO. 16-89418 FILED ON 17.3.1998 IN JAPAN.)APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**10 CLAIMS.**

A method of producing a spiral wound gasket wherein a tip portion of a hoop material (A) having a chevron or wave shaped section (m) is stopped by connecting it to a core drum (2) for winding the hoop material, the core drum is rotated so as to wind the hoop material around an outer periphery of the core drum once at least, thereby overlapping a filler material into the hoop material so that both of them are wound in a spiral state comprising the steps of

forming a checking stepped portion (A) by butting and raising a chevron portion of the tip portion of the hoop material or a valley portion thereof,

rotating the core drum in a state wherein the checking stepped-portion of the hoop material is caught by a checking pawl (3) which makes the tip portion protrude from the outer periphery of the core drum, thereby winding the hoop material around the outer periphery of the core drum once at least,

overlapping the filler material (B) onto the hoop material together so that the both of them are wound in a spiral state, retracting the checking pawl from the outer periphery of the core drum at a predetermined time after winding the hoop material around the outer periphery of the core drum once at least, thereby separating the checking pawl from the checking stepped-portion.

Complete Specification : 27 pages.

Drawing : 6 sheets

Int. Cl<sup>7</sup> : H01Q 1/24 H01Q 1/38 194919

Ind. Cl : 206 C

Title : SURFACE-MOUNT ANTENNA AND COMMUNICATION APPARATUS USING THE SAME.

Applicant : MURATA MANUFACTURING CO., LTD, OF 26-10 TENJIN 2-CHOME, NAGAOKAKYO-SHI, KYOTO-FU 617-8555, JAPAN

Inventor : 1. NAGUMO SHOJI  
2. TSUBAKI NOBUHITO  
3. KAWAHATA KAZUNARI

Application no : 307/CAL/2000 FILED ON. 30.5.2000  
(CONVENTION NO. 11-177961 FILED ON 24.6.1999 IN JAPAN.)  
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.

**8CLAIMS.**

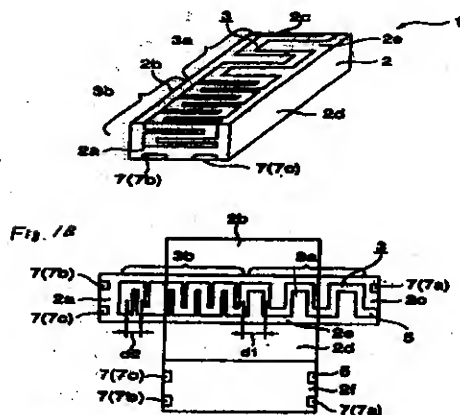
A surface-mount antenna (1) comprising :

a dielectric substrate (2) in a rectangular parallelepiped shape and comprising a first major surface (2e), a second major surface (2f), a first side surface (2b), a second side surface (2d), a first end surface (2a) and a second end surface (2c) ;

a radiation electrode (3) having a meandering pattern disposed on at least two surfaces among the first major surface (2e), the first end surface (2a) and the second end surface (2c) of the dielectric substrate and comprising at least a first meandering electrode unit (3a) and a second meandering electrode unit (3b) being connected in series; and

the first meandering electrode unit (3a) having first meander pitches and the second meandering electrode unit (3b) having second meander pitches which are narrower than the first pitches;

whereby the radiation electrode (3) is allowed to transmit and receive electromagnetic waves in at least two different frequency bands.



Complete Specification : 26 pages.

Drawing : 14 sheets

Int. Cl<sup>7</sup> : B41K 1/12 B41K 3/08

Ind. Cl : 148 M

Title : PRINTING APPARATUS

Applicant : KABUSHIKI KAISHA SATO OF 15-5, 1-CHOME, SHIBUYA  
-KU, TOKYO, JAPAN.

194920

Inventor : 1. TSUTOMU MIKETA.  
2. TADAO KASHIWABA  
3. TAKEO TAKAHASHI

Application no 2336/cal/1997 FILED ON 10.12.1997

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### **14CLAIMS.**

A printing apparatus having at least one endless printing band (7) formed on its outer peripheral surface with multiple types (7 A) and display characters (7 B) and wound about a selector wheel (5) and a type bearing member section (6) and enabling selection of a desired type of the endless printing band,

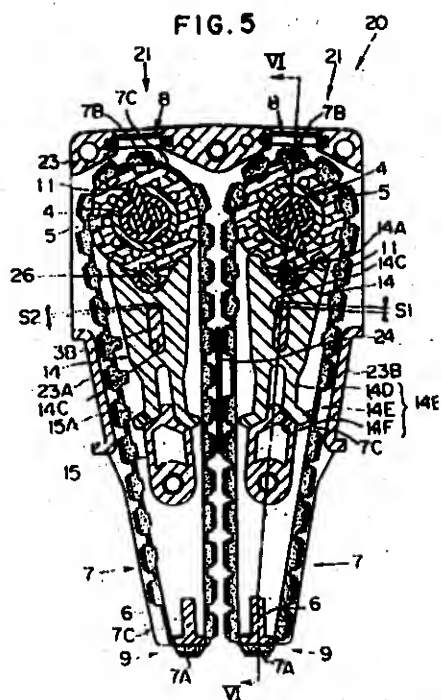
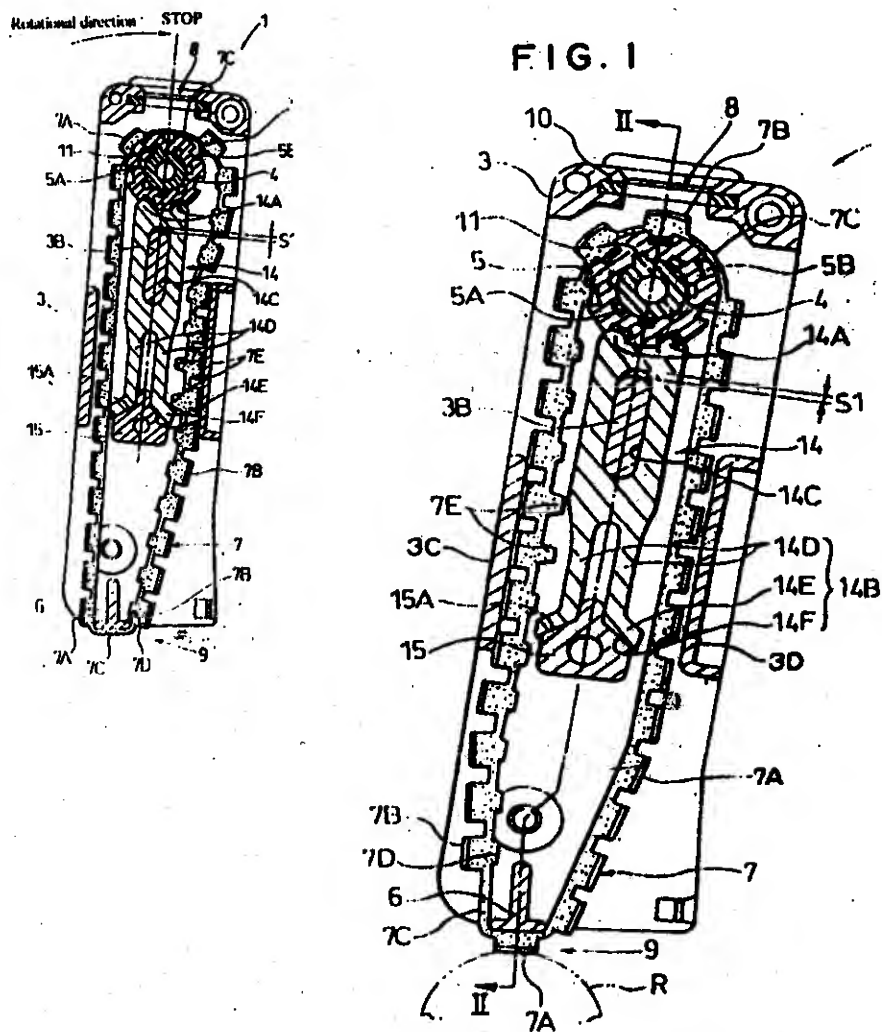
a movable stop member (14) provided between the selector wheel (5) and the type bearing member section (6) and having one end portion with at least one regulating boss portion (14 A) for engaging the selector wheel and having another end portion formed with an elastic section (14 B) having at least one engagement piece,

a stop bearing member (15) for restricting movement of the movable stop member (14) by abutting on the elastic section of the movable stop member (14), and

at least one drive projection provided on an inner peripheral surface of the endless printing band (7) to be engageable with the engagement piece of the elastic section (14 B) of the movable stop member (14),

engagement between the drive projection and the engagement piece with movement of the endless printing band (7) causing movement of the movable stop member (14) to enable release of the engagement between the selector wheel (5) and the regulating boss section.





**Complete Specification : 31 pages.**

**Drawing :13 sheets**

Ind.Cl.:170

Int.Cl<sup>7</sup>:C09C 1/68

194921

A SOL-GEL ABRASIVE GRIT COMPOSITION CONTAINING SOL-GEL  
ALUMINA GRIT.

Applicant: SAINT-GOBAIN/NORTON INDUSTRIAL CERAMICS  
CORPORATION

1 NEW BOND STREET, BOX NUMBER 15138  
WORCESTER, MASSACHUSETTS 01615-0138  
A US COMPANY  
USA

Inventors: I. AJAY K.GARG.

Application No:331/MAS/96 filed on 4th MAR 96

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

### 8 Claims

A sol-gel abrasive grit composition comprising sol-gel alumina grit and from 0.01 to 2% by weight of an alkali metal oxide selected from rubidium oxide, caesium oxide and a mixture thereof and optionally having from 0.1 to 20% by weight of an oxide selected from magnesium oxide, zirconia and a mixture thereof.

Reference to : 5190567;4623364;4744802;4954462;5219806

Comp.Specn. 15 Pages; Drgs NIL Sheets.

Ind.Cl.:32E

Int.Cl<sup>7</sup>:B 32 B 027/32

194922

**A PROCESS FOR PREPARING AN ETHYLENE POLYMER.**

**Applicant:** UNIVATION TECHNOLOGIES, LLC  
a corporation of the state of delaware, of  
5555 SAN FELIPE, SUITE 1950,  
HOUSTON, TEXAS 77056,  
U.S.A.

**Inventors:** 1. George Norris Foster;  
2. Tong Chen;  
3. Robert Harold Vogel;  
4. Scott Hanley Wasserman;  
5. Day-Chyuan (nmn) Lee;  
6. Walter Thomas Reichle;  
7. Frederick John Karol;  
8. Gregory Todd Whiteker.

Application No 512/MAS/96 filed on 29th MAR 96

Convention No. 08/412,864; 08/611,278. filed on 29th MAR 95; 19th MAR 95 in  
USA

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**6 Claims**

1. A process for preparing an ethylene polymer comprising the steps of contacting ethylene and optionally a higher alpha olefin under polymerization condition, in a gas phase fluidized process, in the presence of a non-supported metallocene catalyst in liquid form, to obtain the ethylene polymer having (a) a Polydispersity Index of 2 to 4; (b) a melt index, MI, and Relaxation Sepectrum Index, RDI, such that (RSI) ( $MI^{0.6}$ ) is 2.5 to 6.5. (c) a Crystallizable Chain Length distribution Index,  $L_w/L_n$ , of 1. to 9; and (d) a density,  $\rho$ , and a percent haze when fabricated into a film such that the percent haze is less than  $370\rho - 330$ .

Reference to U. S. Patent No. 5272 236; 5278 272; 5420 220; 5324 800.

Ind.Cl.:172 B

Int.Cl<sup>7</sup>:D06M 13/224; D06M 13/148; D06M 13/463

194923

" A COMPOSITION FOR IMPARTING SPIN FINISH TO SYNTHETIC FIBERS AND A PROCESS FOR PRODUCING SYNTHETIC FIBERS WITH SPIN FINISH"

Applicant: SANYO CHEMICAL INDUSTRIES LTD.,  
A JAPANESE COMPANY  
11-1, ICHINOHASHI-NOMATO-CHO  
HIGASHIYAMA-KU, KYOTO  
JAPAN

Inventors: 1. HIROSHI YOSHIDA  
2. ICHIRO OZAKI,  
3. SHUSUKE SAKAI  
4. MISAO YOSHIMI

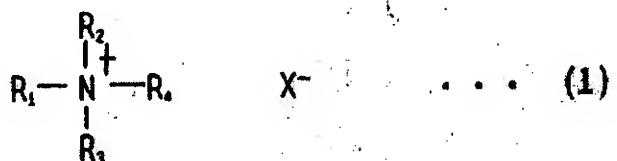
Application No1517/MAS/1996 filed on 29/08/1996

Convention No.290506/1995 filed on 11/10/1995 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

### 11 Claims

A composition for imparting spin finish to synthetic fibers, characterized in that the said composition contains from 0.1 to 2.0% by weight of a quaternary ammonium salt of an organic carboxylic acid represented by general formula (1):



wherein R<sub>1</sub> to R<sub>4</sub> each represent an alkyl or alkenyl group having from 1 to 8 carbon atoms; and X<sup>-</sup> represents an anion of an organic carboxylic acid.

Ind.Cl.:6A2

Int.Cl<sup>7</sup>:F04B 39/10

194924

## A HERMETICALLY SEALED TYPE COMPRESSOR.

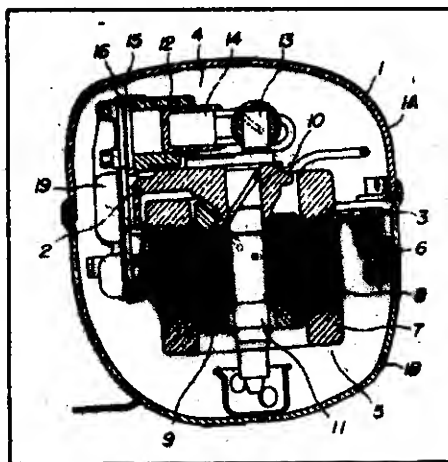
**Applicant:** SANYO ELECTRIC CO., LTD.,  
A JAPANESE COMPANY  
2-5-5, KEIHANHONDORI, MORIGUCHI-SHI,  
OSAKA-FU,  
JAPAN.

**Inventors:** 1. MICHIO OHTA  
2. HIROKAZU KAWAKAMI  
3. SHUJI KAWASHIMA

Application No1541/MAS/96 filed on 3rd SEP 96

Convention No.7-228064 filed on 5th SEP 95 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

6 Claims

A hermetically sealed type compressor comprising:  
an electric motor unit placed within a hermetically  
sealing casing; a compressor unit located within  
said hermetically sealing casing and having a  
cylinder and a piston, said cylinder being in  
engagement with said piston driven by said electric  
motor unit to reciprocate; a valve seat plate  
equipped with a plurality of adjacent suction holes  
and attached to an end portion of said cylinder; and

a suction reed valve disposed between the cylinder end portion and said valve seat plate  
to open and close said plurality of suction holes, wherein said valve seat plate is  
constructed such that partitions between said adjacent suction holes have a constant  
dimension.

Ind.Cl.:128 G

Int.Cl<sup>7</sup>:A 61 F 9/04

194925

### EXTERNAL FIXATOR ASSEMBLY FOR TIBIAL FRACTURE

Applicant: CALICUT REGIONAL ENGINEERING COLLEGE  
KOZHIKODE-673601  
KERALA  
AN INDIAN INSTITUTION  
INDIA

Inventors: 1. DR.DEVDAS MENON  
2. Kodanat Brahmadathan Maheswaran NAMBUDIRIPAD.

Application No:915/MAS/97 filed on 30th APR 97

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

#### 5 Claims

An external fixator assembly for tibial fracture comprising at least one vertically disposed main frame members provided with means for mounting pins thereon, characterised in that each of the main frame members are provided with a vertically and inwardly disposed supplementary stiffening member, the said stiffening members also being provided with means for mounting pins, and at least one horizontal and diagonal members interconnecting the two main frame members at the top and the bottom of the said assembly.

Comp.Specn. 9 Pages; Drgs 1 Sheets.

Ind.Cl.:60D

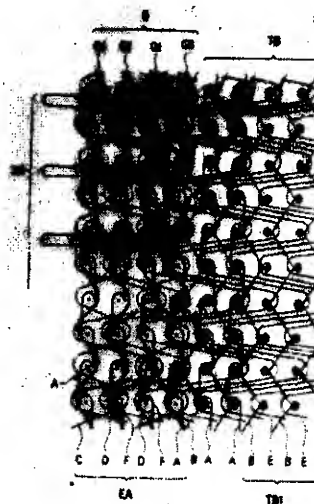
Int.Cl<sup>7</sup>:A44B 19/34

194926

**A KNIT SLIDE FASTENER STRINGER.**

**Applicant:** YKK CORPORATION  
A JAPANESE COMPANY  
OF NO.1 KANDA IZUMKI-CHO,  
CHIYODA-KU, TOKYO  
JAPAN

**Inventors:** 1. YASHIO MATSUDA  
2. HIDENOBU KATO  
3. YOSHITO Ikeguchi



**Application** No 1268/MAS/97 filed on 12th JUN 97

Convention No.8-163380 on, 24th JUN 96, in JAPAN  
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**5 Claims**

A knit slide fastener stringer comprising: (a) a fastener tape (T) knitted in a warp-knit ground structure and having along one longitudinal edge an element - attaching portion (EA); and (b) a continuous fastener element row (ER) knitted in and along said element-attaching portion (EA) of said fastener tape (T) and secured by two or more wales of anchoring chain stitch yarns (F) simultaneously with the knitting of said fastener tape (T); wherein (c) successive needle loops of each of said two or more wales formed of said anchoring chain stitch yarns (F) press said continuous fastener element row (ER) toward said warp-knit ground structure of said fastener tape (T) from the upper side, and successive sinker loops constitute part of said ground structure; and being characterized in that (d) a number of warp-inlaid yarns (G) are each laid in and interlaced with at least part of said successive sinker loops.

Reference to : COPENDING APP.NO. 1651/MAS/97 US 5,502986

Comp.Specn. 19 Pages; Drgs 10 Sheets.

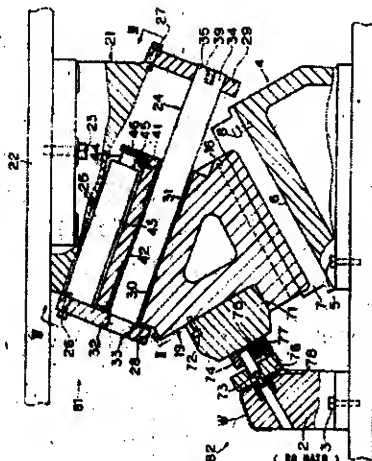
Ind.Cl.:129G

194927

Int.Cl<sup>7</sup>:B 30 B 15/00; B 30 B 16/16; B 30 B 15/06.**A PRESS DEVICE**

**Applicant:** UMIX CO.LTD.,  
OF 8-1, SHINKE 1-CHOME,  
NEYAGAWA-SHI, OSAKA 572  
A JAPANESE COMPANY  
JAPAN

**Inventors:** 1. MITSUO MATSUOKA.



**Application No:** 2739/MAS/97 filed on 28th NOV 97

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**7 Claims**

A press device comprising a slide cam base, a slide cam guided by the slide cam base for mounting a machining member such as a punch, an urging member provided between the slide cam base and the slide cam for urging the slide cam, and an actuating cam for abutting the slide cam to drive, characterized in that the slide cam is slidably provided on a circular-section guide post installed on the slide cam base.



Ind.Cl.:32 F2

Int.Cl<sup>7</sup>:A61K 31/425,48

194928

## PROCESS FOR THE PREPARATION OF THIAZOLE INTERMEDIATE.

**Applicant:** ORCHID CHEMICALS & PHARMACEUTICALS LTD.  
an indian company having its registered office at ORCHID TOWERS,  
313, VALLUVAR KOTTAM HIGH ROAD  
NUNGAMBAKKAM, CHENNAI 600 034, T.N  
INDIA

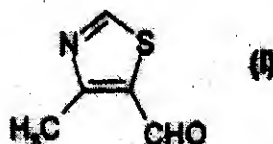
**Inventors:** 1. PANDURANG BALWANT DESHPANDE  
2. PARVEN KUMAR LUTHRA  
3. RAJESH VYAS  
4. RAMAKRISHNA KAMMA

Application No:325/MAS/02 filed on 26th APR 02

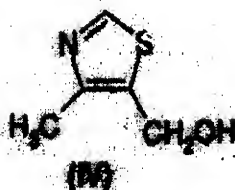
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

3 Claims

1. A process for the preparation of 4-methyl-5-formyl-thiazole of the formula (I)



which comprises oxidising the 4-methyl-5-hydroxymethyl thiazole of the formula (IV)



to 4-methyl-5-formyl-thiazole of the formula (I), by using an oxidizing agent in the presence of a solvent.

Comp. Specification 9 Pages Drawings Nil Sheets.

Ind.Cl.:32C

Int.Cl<sup>7</sup>:A 61 K 31/545;C07D 277/20,277/28

194929

## PROCESS FOR THE PREPARATION OF AMINOTHIAZOLE DERIVATIVE.

**Applicant:** ORCHID CHEMICALS AND PHARMACEUTICALS LIMITED  
AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT  
ORCHID TOWERS, 313, VALLUVAR KOTTAM HIGH ROAD  
NUNGAMBAKKAM, CHENNAI- 600 034  
INDIA

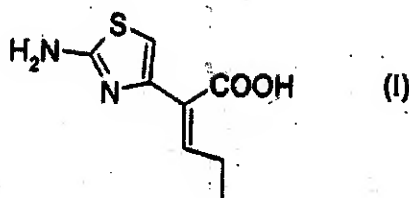
**Inventors:** 1. PANDURANG BALWANT DESHPANDE;  
2. PRABHAT KUMAR SAHOO  
3. HITESH CHANDRAPRAKASH SHARMA  
4. SANJAY SINGH NAYAL.

Application No:689/MAS/02 filed on 17th SEP 02

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

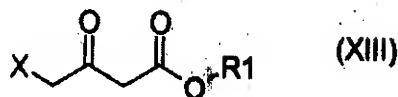
12 Claims

1. A process for the preparation of (Z)-2-(2-aminothiazol-4-yl)pent-2-enoic acid of the formula (I),

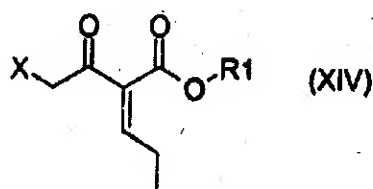


comprising the steps of

- i) reacting the compound of formula (XIII)

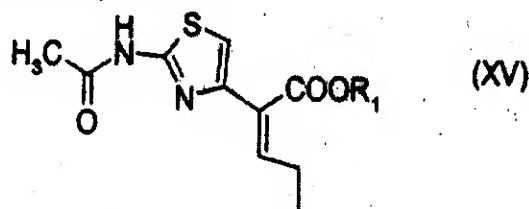


wherein X represents halogen atom selected from chlorine or bromine, R<sub>1</sub> represents (C<sub>1</sub>-C<sub>3</sub>)alkyl group with propanaldehyde in the presence of a base and a solvent at a temperature in the range of -40 to 10 °C to produce a compound of formula (XIV)



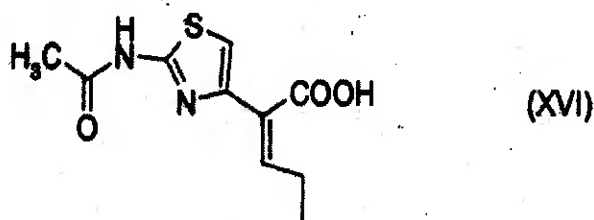
wherein X and R<sub>1</sub> are as defined above,

- ii) cyclizing the compound of formula (XIV) with mono acetyl thiourea in the presence of a solvent at a temperature in the range of 0 to 90 °C to produce thiazole compound of formula (XV)



wherein R<sub>1</sub> is as defined above,

- iii) de-esterifying the compound of formula (XV) in the presence of a base and water at room temperature to yield compound of formula (XVI)



and

- iv) deacylating the compound of formula (XV) in the presence of a base and water at a temperature in the range of 0 to 75 °C to produce compound of formula (I).

Ind.Cl.:32F

Int.Cl<sup>7</sup>:A61K 31/545

194930

## AN IMPROVED PROCESS FOR THE PREPARATION OF CEFADROXIL

**Applicant:** ORCHID CHEMICALS & PHARMACEUTICALS LTD  
an indian company having its registered office at ORCHID TOWERS,  
312, VALLUVAR KOTTAM HIGH ROAD  
NUNGAMBAKKAM, CHENNAI 600 034, T.N  
INDIA

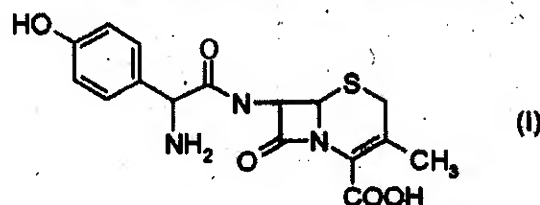
**Inventors:** 1. PRAMOD NARAYAN DESHPANDE  
2. GAUTAM KUMAR DAS  
3. RAJENDRA JANARDAN SARANGDHAR  
4. PETER XAVIER THARIAL

Application No:760/MAS/02 filed on 16th OCT 02

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

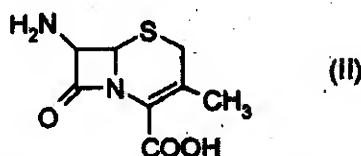
5 Claims

1. A process for the preparation of cefadroxil of the formula (I)

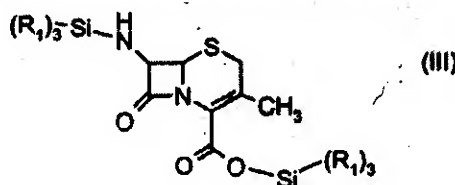


having water content in the range of 4-5 %, which comprises:

- i) silylating the 7-amino desacetoxy cephalosporanic acid (7-ADCA) of the formula (II)

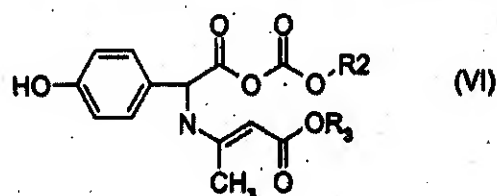


with trimethyl silyl chloride and hexamethyl disilazane (HMDS) in the presence of an organic solvent to obtain silylated derivative of 7-amino desacetoxy cephalosporanic acid (7-ADCA) of the formula (III)

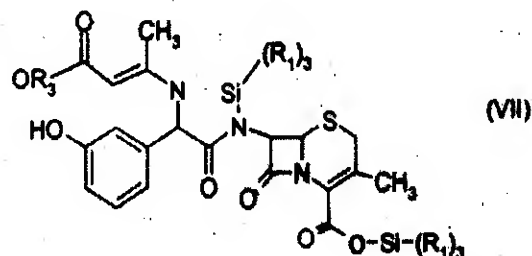


wherein  $R_1$  represents methyl group at a temperature in the range of 30 °C to reflux temperature of the solvent,

ii) condensing the mixed anhydride of the formula (VI)



wherein  $R_2$  represents alkyl, phenyl, benzyl or cycloalkyl;  $R_3$  represents methyl, ethyl or isopropyl with the solution of silylated derivative of 7-amino desacetoxy cephalosporanic acid (7-ADCA) of the formula (III) obtained in step (i) above to produce a compound of formula (VII),



where  $R_1$  and  $R_3$  are as defined above,

- iii) hydrolyzing the compound of formula (VII) using dil. acid,
- iv) separating the aqueous layer from organic layer,
- v) adding DMF to the aqueous layer,
- vi) adjusting the pH of the solution to 4-6 to obtain DMF solvate,
- vii) desolvating the cefadroxil DMF solvate in water heated at 30 – 70 °C for a period of 1 to 4 h,
- viii) cooling the solution to 0 to 10 °C and isolating the product formed.

Indian Classification :- 190 B

International Classification<sup>7</sup> :- F 01D 17/16, B 01D 53/92

194931

Title :- "A VANE ADJUSTMENT MECHANISM FOR USE IN VARIABLE-CAPACITY TURBINE, AND METHOD FOR ASSEMBLING THE SAME"

Applicant :- MITSUBISHI HEAVY INDUSTRIES LTD., of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8315, Japan.

Inventors :-  
HYOJI YOSHIMURA - JAPAN  
YOSHIHIRO ISHIHARA - JAPAN  
TAKASHI MIKOGAMI - JAPAN

Kind of Application COMPLETE

Application for Patent Number 235/del/2001 filed on 28/02/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 7 )-

A vane adjustment mechanism used in a variable-capacity turbine to control the quantity of exhaust gas, the vane adjustment mechanism comprising :

- a base unit having the shape of a short pipe, said base unit having a first flange on an outer surface and a second flange on an inner side with respect to the direction of exhaust gas flow,
- wherein said base unit comprises an inner base unit having said first and second flanges, and an outer base unit into which said inner base unit is inserted;
- a plurality of vanes, positioned along the circumference of said base unit, for adjusting the quantity of exhaust gas;
- a link plate having an inner circular edge that engages with an outer edge of said base unit in such a way that said link plate is free to rotate;

a plurality of vane lever units connecting said plurality of vanes and said link plate, wherein said vane lever units run through vane shaft holes in said base unit; and

a plurality of U-shaped indentations spaced at regular angular intervals on the inside surface of said inner base unit or said outer base unit from said first flange to said second flange, so that said U-shaped indentations form said vane shaft holes to accommodate said vane lever units when said inner base unit is inserted into said outer base unit to block said U-shaped indentations in such a way that said vane lever units are free to rotate,

wherein the mid-portion of a vane shaft of each of said vane lever units has a narrow portion which has a smaller diameter than the ends of said vane shaft, which reduces the contacting surface area with said U-shaped indentation so as to prevent said vane shaft from seizing in said U-shaped indentation.

Fig. 1(a)

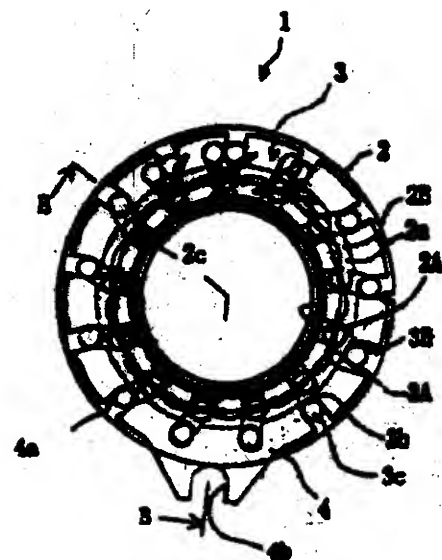
Complete Specification.

No of Pages

28

Drawings Sheets

9



Indian Classification :- 196

International Classification<sup>7</sup> :- F 24F 1/02

Title :- "A MOTOR MOUNT FOR AN AIR CONDITIONER"

Applicant :- Carrier Corporation of carrier world head quaters Building,  
One corner Place, Farmington, Connecticut 06034-4015,  
U.S.A.

Inventors :- JUAN CARLOS CARNE CORREA - BRAZIL  
LUCIANO DA LUZ MOREAS - BRAZIL

Kind of Application :- COMPLETE

Application for Patent Number 3302/del/1997 filed on 18/11/1997

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent  
Office, New Delhi Branch - 110 008.

( Claims 6 )

A motor mount for an air conditioner comprising an electric motor wherein; - a pair of spaced apart substantially vertically extending support legs, the upper end of each of said legs including a support recess therein adapted to receive mating structure provided on axially spaced ends of a motor, the upper end of each of said legs further including two openings therein, one each on opposite sides of said support recess, each of said openings having a transverse extending retaining ledge formed therein; and - a pair of motor mounting clips, each of which is adapted to be installed on one of said pair of support legs, each of said clips including a support recess therein adapted to receive the mating structure provided on the axially spaced ends of a motor, each mounting clip further including two flexible latches, one on each side of said support recess, each of said latches adapted to be received in one of said openings provided in said upper ends of said legs when said latch is flexed, and to engage said position when it returns to its unflexed condition.

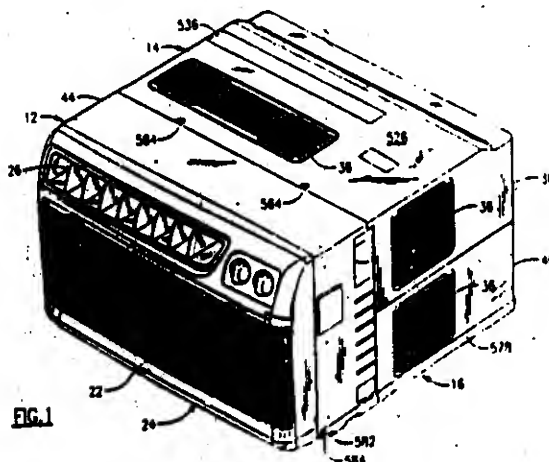
Complete Specification

No of  
Pages

38

Drawings  
Sheets

30





Indian Classification

190 B

International Classification

F 01 D 17/14

194933

Title

"VARIABLE GEOMETRY TURBINE"

Applicant

HOLSET ENGINEERING CO. LTD., of St. Andrews Road, Huddersfield  
HD 1 6RA, England,

Inventors

PETER STUART MCKEAN - ENGLAND  
DAVID MICHAEL MOULSON - ENGLAND

Kind of Application

COMPLETE

Application for Patent Number

2919/del/1998, filed on 30/09/1998

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi  
Branch - 110 008.

( Claims 04 )

A variable geometry turbine comprising a housing, a turbine wheel (1) mounted to rotate about a pre-determined axis within the housing, and a sidewall (19) which is displaceable within a sidewall cavity (36) defined by the housing to control the width of a gas flow passage extending towards the wheel (1) between a first surface (23) defined by the sidewall (19) and a second surface (24) defined by the housing, wherein the sidewall (19) is mounted on axially displaceable rods (25) extending parallel to the rotation axis of the wheel (1), a yoke is pivotally supported within the housing and defines arms (29) each of which extends into engagement with a respective rod (25), and means are provided to pivot the yoke relative to the housing to control the position of the sidewall (19) relative to the housing, characterized in that the yoke, received within a yoke chamber (37) spaced from and sealed against communication with the sidewall cavity (36), and means, provided to deliver lubricant to the yoke chamber (37).

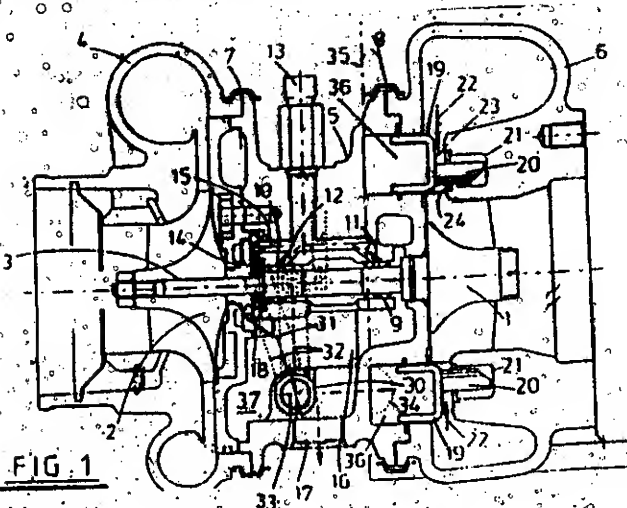
Complete Specification

No of Pages

11

Drawing Sheets

03



Indian Classification :- 36 A1, 163D

International Classification<sup>7</sup> :- F 04 D 29/42, 27/02, 29/66 **194934**

Title :- "COMPRESSOR".

Applicant :- HOLSET ENGINEERING CO. LTD., of St. Andrews Road, Huddersfield, HD 1 6RA, England.

Inventors :- WILLIAM KENNETH BRUFFELL - ENGLAND

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 3038/del/1998 filed on 15/10/1998

Convention No. 9722916/UK/31.10.97

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008

( Claims 10 )

A compressor comprising a housing defining an inlet and an outlet, and an impeller wheel rotatably mounted in the housing, on rotation of the wheel gas within the inlet is moved to the outlet, the housing having an inner wall defining a surface located in close proximity to radially outer edges of vanes supported by the wheel, wherein the inlet is defined by a first tubular portion (17,27) an inner surface of which is an extension of the said surface of the inner wall of the housing, a second tubular portion (16) located radially outside the first portion (17,27) to define an annular passage (19) between the first and second portions, at least one aperture (18) being defined adjacent the wheel in the said surface of the inner wall of the housing to communicate with the annular passage (19), the inlet has a wall (21,26,28) defining an annular surface facing the annular passage (19) and extending outwards from adjacent the upstream end of the first tubular portion (17,27) to the upstream end of the second tubular portion (16), an aperture (23,30) defined between the upstream end of the first tubular portion (17) and the radially inner edge of the annular surface, characterized in that a wall (20,29) extending across the annular passage (19) between the first and second tubular portions, the wall (20,29) located between upstream and downstream ends of the first tubular portion (17,27), sections of the passage (19) on opposite sides of the wall (20,29) communicating through at least one aperture.

Complete Specification

No of Pages

17

Drawing Sheets

09

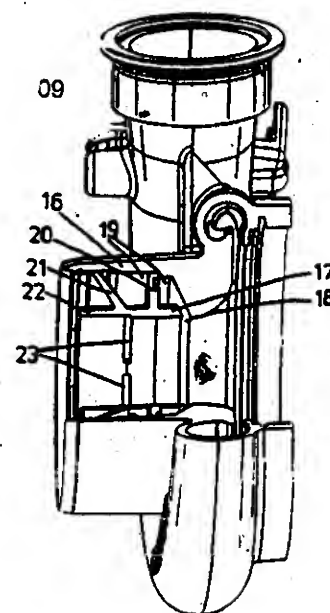


FIG. 4

Indian Classification : 55E4 194935

International Classification : A 61K 9/14; 9/20; 31/165.

Title : "A PROCESS FOR PREPARING MODAFINIL DOSAGE FORM FOR ORAL ADMINISTRATION"

Applicant : RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi – 110019. INDIA.

Inventors : ROMI BARAT SINGH  
PANANCHUKUNNATH MANOJ KUMAR  
VISHNUBHOTLA NAGAPRASAD  
SUNILENDU BHUSHAN ROY  
RAJIV MALIK-all Indian.

Kind of Application : Complete

Application for Patent Number 723/DEL/2002 filed on 08/07/2002

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 06 Claims )

A process for the preparation of oral composition of modafinil, comprising the steps of:

- (a) preparing a blend, or granules by wet or dry granulation; comprising 7% to 25% by weight of modafinil particles having diameter greater than 220 $\mu$ m and from 93% to 75% by weight of modafinil particles having diameter less than 220 $\mu$ m,
- (b) mixing conventional pharmaceutical excipient of the kind, such as herein described, and
- (c) compressing into or filling into a tablet or capsule.

(Complete Specification 07 Pages Drawings NIL Sheets)

Indian Classification 143 D4 194936

International Classification<sup>7</sup> B32B 15/04; A61J 1/00

Title "Multilayer Sheet Suitable For Making Packages"

Applicant The Procter & Gamble Company, of One Procter & Gamble Plaza, Cincinnati, State of Ohio, United States of America; BASF AKTIENGESELLSCHAFT, of P.O. Box 67056, Ludwigshafen, Germany; and KOBUSCH FOLIEN GMBH, of Hans Böcklerstrabe 5, D-34414 Warburg/Westfalen, Germany.

Inventors MOSS GATES MARKHAM - U.S. CITIZEN.  
HONERT - JOSEF - GERMANY.  
TSCHABUNIN - HELMUT - GERMANY.  
KACZUN - JURGEN - GERMANY.

Kind of Application COMPLETE/CONVENTION

Application for Patent Number 1883/Del/1995 filed on 13/10/1995

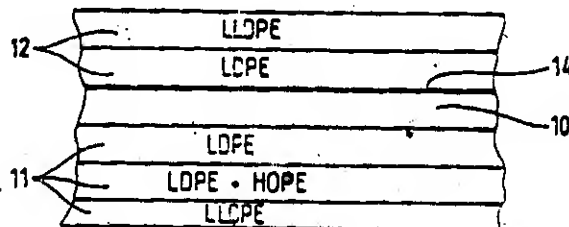
Convention No. 94870159/United Kingdom/13/10/1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 19 )

A multilayer sheet comprising at least a layer of polyolefin-based material and a perfume barrier layer, wherein said polyolefin-based material comprises less than 25% by weight of the total multilayer material of post consumer recycled plastic, said perfume barrier layer is formed of a lacquer forming mixture, said multilayer material having a minimum surface tension of 40 dyn/cm<sup>2</sup> (4N/M<sup>2</sup>), said perfume barrier layer has a thickness of from 1 to 20 micrometers, wherein said lacquer forming mixture is a two component polyurethane system based on polyesterpolyols and oligomeric polyisocyanates in combination with cellulose derivatives and/or polyvinylalcohol derivatives, and optionally other layers as herein described.

Fig. 1



Complete Specification

No of  
Pages

15

Drawings  
Sheets

2

Indian Classification - 172 C 4 194937  
 International Classification - D 01 H 5/00, D 01 H 5/74  
 Title - "A DRAW FRAME FOR BLENDING SLIVERS OF DIFFERENT COLOUR/FIBER MATERIAL".  
 Applicant - INDIAN INSTITUTE OF TECHNOLOGY, Department of Textile Technology, an Indian Institute of Hauz Khas, New Delhi - 110 016.  
 Inventors - SAIYED MUZAFFAR ISHTIAQUE - INDIAN  
 JAYANTA KUMAR CHATTERJEE - INDIAN  
 PRAMOD KUMAR HARI - INDIAN  
 ARUN KUMAR BATTU - INDIAN  
 Kind of Application - COMPLETE  
 Application for Patent Number - 535/del/1995 filed on 24/03/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 02 )

A draw frame for blending slivers of different colour/fibre material characterized in that the draw frame comprising :-

- a pre-draw zone (A) consisting of two predrafting sections comprising four pair of known rollers ( $R_{4A}$ ,  $R_{5A}$ ,  $R_{4B}$ ,  $R_{5B}$ ) with one pair of rollers placed over the other pairs of rollers, the two pairs of rollers ( $R_{4A}$ ,  $R_{5A}$ ) forming upper set of rollers for pre-drafting sliver of colour A/fibre material A and the two pairs of rollers ( $R_{4B}$ ,  $R_{5B}$ ) forming lower set of rollers for pre-drafting sliver of second colours B/fibre material B;
- a convergence zone (C) between the said two pre-drafting sections where the predrafted slivers of colour A/fibre material A from the said upper set of rollers and the pre-drafted slivers of colour B/fibre material B from the lower set of rollers converge together into the main-drafting section B herein described;
- a main drafting section B wherein the different pre-drafted slivers are fed together, the said main drafting section having three pair of Rollers  $R_1$ ,  $R_2$ ,  $R_3$  wherein the said rollers  $R_2$ ,  $R_3$  and  $R_{4B}$  receive the drive transmitted from Rollers ( $R_{4A}$ ) through a set of gears;
- four motors ( $M_1$ ,  $M_2$ ,  $M_3$ ,  $M_4$ ) wherein motor ( $M_2$ ) drives the roller ( $R_{4A}$ ), motor ( $M_3$ ) drives rollers ( $R_{5A}$ ) and motor ( $M_4$ ) drives rollers ( $R_{5B}$ ), motor ( $M_1$ ) driving the said rollers ( $R_1$ ), the speed of said motors being individually controller by controllers ( $CO_1$ ,  $CO_2$ ,  $CO_3$ ,  $CO_4$ ) having a chopper power circuit, the said controllers receiving signal from a micro-computer (MC) which is connected to a personal computer (PC) as a background processor to the said micro-computer, the said chopper circuit in series with a free wheeling diode ( $D_1$ ), a motor (M) having fixed excitation field winding, resistance ( $R_{12}$ ) connected to the base of transistor ( $Q_1$ ), an opti-isolator (OP) providing physical isolation between the said chopper circuit and an interface circuit, wherein the said chopper circuit comprises of a second transistor ( $Q_2$ ) having a snubber circuit consisting of capacitor ( $C_4$ ) in series with a resistor ( $R_{14}$ ) and a Diode ( $D_2$ ) across the said resistor ( $R_{14}$ ), the said second transistor ( $Q_2$ ) having a discharging resistor ( $R_{13}$ ), wherein the said interface circuit comprises a digital to analogue converter (DAC) which is adapted to convert signal from the said micro-computers (MC) to an analog signal A applied to a comparator (CT), the reference signal to the said comparator being fed from a function generator (FG), and the output of said comparator being applied to said Opti-isolator (OP).

Complete Specification

No of Pages

11

Drawings Sheets

02

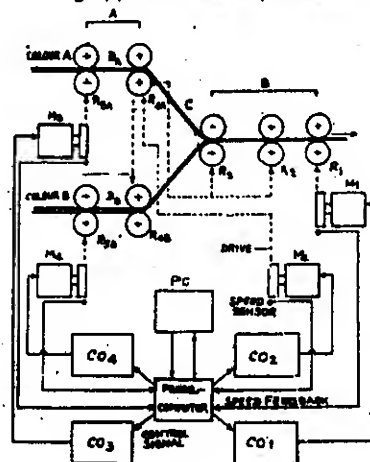


Fig. 1

Indian Classification - 62  
 International Classification<sup>7</sup> - D 06F 23/00  
 Title - "A cool down control device".  
 Applicant - Whirlpool Corporation at 2000 M - 63 Benton Harbor, Michigan 49022, United States of America.  
 Inventors - LARRY THOMAS BASHARK - US  
 Kind of Application - COMPLETE/DIVISIONAL  
 Application for Patent Number 350/del/1996 filed on 22/02/1996

Divided out of Application for Patent Number 1314/DEL/1990 filed on 26/12/1990

Ante Dated to 26/12/1990

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 2 )

A cool down control device for controlling a clothes dryer having a rotating drum for holding a clothes load, a motor driving said rotating drum, an air inlet into said drum a heater disposed along said air inlet, an air outlet from said drum, and a source of SAC power for said heater and said motor, said control characterized in that, - a processor for automatically determining the period of cool down for said clothes load in response to changes in a representation of the temperature of the clothes load, the processor being connected to the motor for shutting off the motor in response to the temperature representation; and - a thermistor for measuring the temperature along said exhaust line during the cool down of said clothes load, the thermistor being coupled to the processor and for providing the temperature representation thereto in response to the measured temperature in the exhaust line.

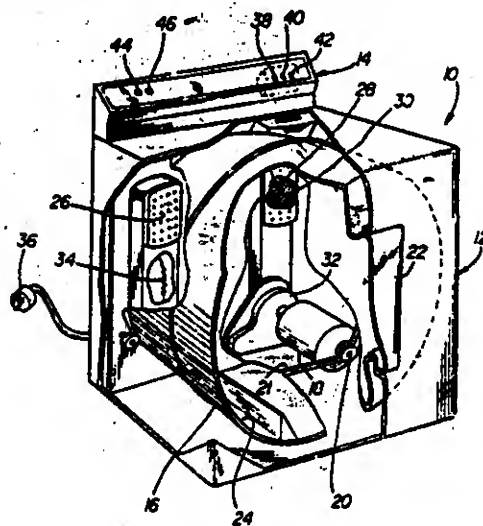
Complete Specification

No of  
Pages

112

Drawings  
Sheets

31



Indian Classification :- 111 194939

International Classification<sup>7</sup> :- B 65 D 71/00

Title :- "A HOLDER SUITABLE FOR HOLDING VIALS".

Applicant :- SMITHKLINE BEECHAM CORPORATION, , of one Franklin Plaza, Philadelphia, Pennsylvania 19103, United States of America,

Inventors :- DAVID P. O'BRYAN - U.S.A

Kind of Application :- COMPLETE/CONVENTION

Application for Patent Number 990/del/1996 filed on 13/05/1996

Convention No 9509776.2/United Kingdom/15/05/1995

Convention No. 9514913.4/United Kingdom/20/07/1995

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office , New Delhi Branch - 110 008.

( Claims 16 )

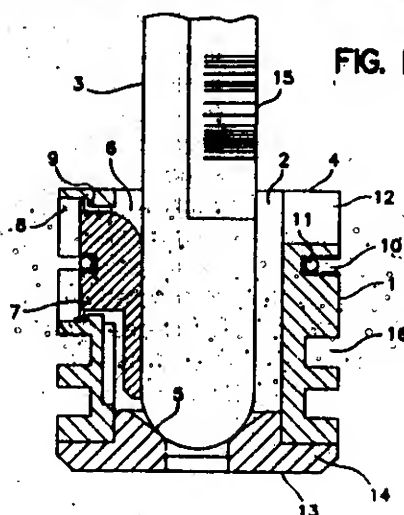
A holder suitable for holding vials in a upright orientation comprising: - a body having a cavity therein open at an upwardly facing side of the body, the cavity being of suitable size and shape to receive the lower part of a vial inserted therein, the cavity having bottom and side surfaces, characterized in that in the inwardly facing wall surface of the cavity are one or more recesses, in each recess there being a resilient member extending into the cavity, each member extending into the cavity to a distance sufficient to exert a grip upon a vial inserted into the cavity.

Complete Specification

No of Pages 11

Drawing<sup>s</sup> Sheets

02



Indian Classification 177 D **194940**

International Classification<sup>7</sup> F 28D 13/00

Title "A self-cleaning apparatus for cooling a solids laden hot gas"

Applicant Shell Internationale research Maatschappij B. V., of Carel van Bylandtlaan 30, 2596 HR, the Hague, Netherlands

Inventors FRANCISCUS GERARDUS VAN DONGEN  
NETHERLANDS  
ALBERT - POSTUMA - NETHERLANDS  
PIETER LAMMERT ZUIDVELD - NETHERLANDS

Kind of Application COMPLETE

Application for Patent Number 12/del/1996 filed on 03/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 7 )

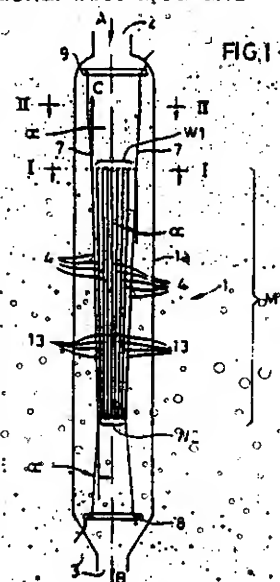
A self-cleaning apparatus for cooling a solids laden hot gas, said apparatus comprising a vessel (1) with a gas inlet (2) and a gas outlet (3) and a heat transfer structure (7, 10) comprising a plurality of heat transfer surfaces (4) extending in the vessel (1) between said inlet (2) and said outlet (3) in a longitudinal direction and forming a plurality of gas passages (13) in the said structure, wherein the said plurality of heat transfer surfaces is arranged in such a way that the overall cross-sectional inlet area of the said gas passages (13) in the said structure is larger than the overall cross-sectional outlet area of the said gas passages (13) and that the said gas passages are operably connected to keep this velocity of the gas flowing through the said gas passages substantially constant between the cross-sectional inlet area and the cross-sectional outlet area of the said gas passages.

Complete Specification

No of Pages

12

Drawings Sheets 06





Indian Classification - 203 194941

International Classification<sup>7</sup> - A 61L 15/16

Title - "A compounded sanitary napkin".

Applicant - The Procter & Gamble Company, of One Procter & Gamble Plaza, Cincinnati, Ohio 45202, United States of America.

Inventors - JOHN LEE HAMMONS - US  
PATRICIA LEE LAMPSON - US

Kind of Application - COMPLETE/CONVENTION

Application for Patent Number 433/del/1996 filed on 29/02/1996

Convention No. 08/397,592/ 02.3.95/United States of America

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 9 )

A compound sanitary napkin comprising a primary absorbent member including an absorbent core, an outer cover, and a secondary absorbent member including a liquid impervious backsheet and an absorbent element joined to said backsheet, said secondary absorbent member being joined with said primary absorbent member; said primary absorbent member having a base having a width and an apex having a width, said base being juxtaposed said secondary absorbent member and said apex being vertically opposed to said base, said base width being greater than said apex width; said compound sanitary napkin wherein that said absorbent core comprises a plurality of core members, wherein said core members are wrapped in a containment layer, an acquisition layer or both.

Complete Specification

No of  
Pages

22

Drawings  
Sheets

03

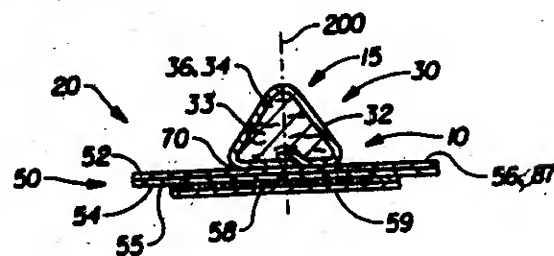


Fig. 3

Indian Classification :- 129 e 194942

International Classification<sup>7</sup> :- B 29 C 65/02

Title :- "AN APPARATUS AND A METHOD FOR HEAT-WELDING AT THE CORNERS LENGTHS OF PROFILES FOR SEALING GASKETS".

Applicant :- INDUSTRIE ILPEA S.P.A., a company organized under law of the Italian Republic of Viale dell'Industria 37-Malgesso (Varese), Italy,

Inventors :- UMBERTO LOVISON - ITALY  
PAOLO CITTADINI - ITALY

Kind of Application :- COMPLETE

Application for Patent Number 927/del/1996 filed on 01/05/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi  
Branch - 110 008.

( Claims 08 )

Apparatus for heat-welding at the corners lengths of profiles (10,11) for sealing gaskets comprising at least one bellows-like extendible, or compressible, air chamber, with said lengths of profile being cut at their ends (15,16) according to a suitable angle, characterized in that said apparatus has a heating element (21) to heat the ends of said lengths of profile for sealing gaskets, clamps (17,18,19,20) to keep them fastened, needles (24) for injecting air inside the interior of said air chamber of each of said lengths of profile nearby said end to be heat-welded and devices (27,28) to choke each length of said profile by completely occluding said air chamber along the choking section.

Complete Specification

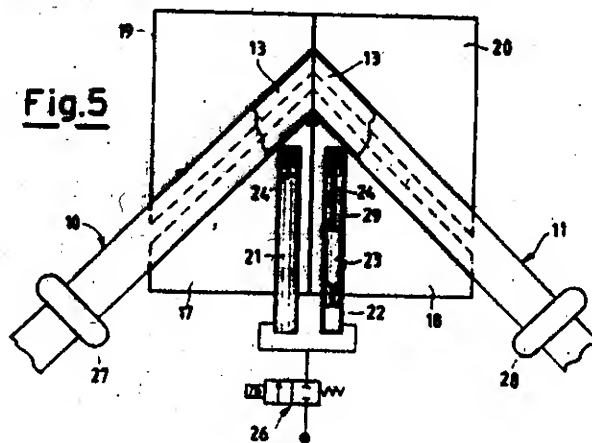
No of Pages

12

**Fig.5**

Drawings Sheets

02



Indian Classification	:-	164 C	194943
International Classification <sup>7</sup>	:-	B 07 B 1/22	
Title	:-	"MACHINE FOR SORTING SOLID OBJECTS".	
Applicant	:-	MAGOTTEAUX INTERNATIONAL, Rue A. Dumont, B-4051, Vaux-sous-Chevremont, BELGIUM.	
Inventors	:-	MARIAN - UWA - GERMANY	
Kind of Application	:-	COMPLETE	
Application for Patent Number	873/del/1996	filed on	24/04/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi  
Branch - 110 008.

( Claims 08 )

Machine for sorting solid objects comprising a horizontal or rotary drum (10) inclined at - 10 to 10 to the horizontal through which the objects to be sorted pass and the wall is riddled with calibrated sorting holes (26), the drum (10) consists, in the longitudinal direction, of various sections (10a, 10b, 10c, 10d, 10e), the size of the sorting holes (26) increasing from one section to the next in the direction progression of the objects to be sorted, characterised in that each section has a frustoconical wall converging in the direction of progression of the objects and in that the sorting holes (26), in the form of slots, widen in the direction of progression and fixed inside each of the sections are guide plates (28) inclined at - 5 to 5 perpendicular to the wall and inclined in a spiral for guiding the objects in the direction of their progression.

Complete Specification

No of Pages 10

Drawing Sheets 02

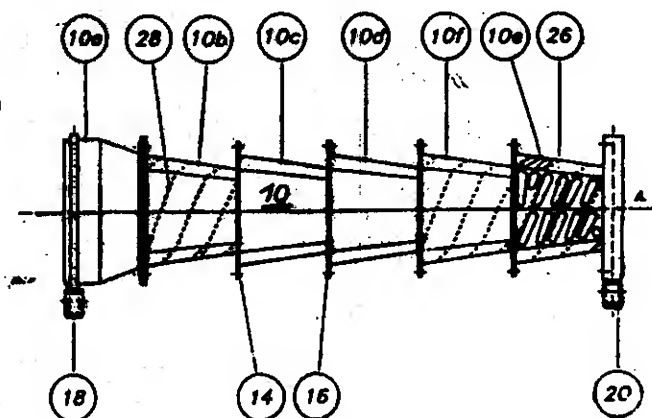


Figure 1.

Indian Classification 157 B. 194944

International Classification<sup>7</sup> B 61 F

Title "An apparatus for changing the gauge of a variable wheel gauge bogie and a variable wheel gauge bogie of the apparatus".

Applicant "JAPAN RAILWAY CONSTRUCTION PUBLIC CORPORATION" 14-2, Nagata-cho, Chiyoda-Ku, Tokyo-to, Japan; "RAILWAY TECHNICAL RESEARCH INSTITUTE", 8-38, Hikari-cho 2-chome, Kokubunji-shi, Tokyo-to, Japan; "FUJI JUKOGYO KABUSHIKI KAISHA" 7-2, Nishi-shinjuku 1-chome

Inventors MASAO - OGAWARA - JAPAN  
NORIAKI - TOKUDA - JAPAN  
YUKIO - MINOWA - JAPAN  
TSUENEO - AOKI - JAPAN  
TERUhide - WATANABE - JAPAN  
KANJI - WAKO - JAPAN

Kind of Application COMPLETE/CONVENTION

Application for Patent Number 1227/del/1996 filed on 05/06/1996

Convention No. 139509/1995/Japan/06/06/1995

Convention No. 139510/1995/Japan/06/06/1995

Appropriate office for opposition: proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi  
Branch - 110 008.

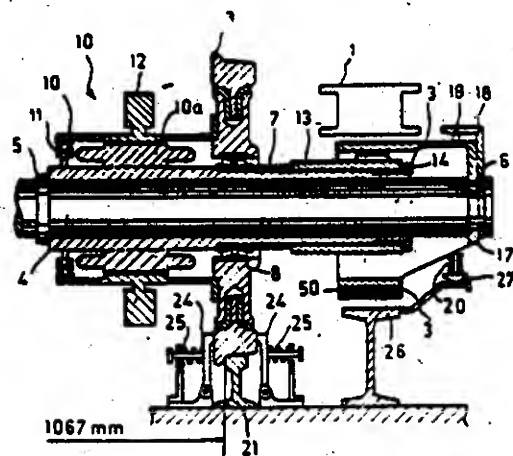
( Claims 48.)

An apparatus for changing the gauge of a variable-wheel-gauge bogie having, a pair of side beams (1) for supporting wheel axes (4) on a rail road via wheels (9), journal boxes (3) provided under said side beams (1), respectively, to receive ends of said wheel axes (4), and axle sleeves (7) rotatably supporting said wheels (9) thereon and fitted on said wheel axes (4) slidably along the wheel axes, respectively, comprising: - first engagement means (15A, 15B) formed on an outer peripheral surface of each of said axle sleeves (7); - second engagement means (16, 17) formed on an inside surface of each of said journal boxes (3) and provided to selectively engage said first engagement means (15A, 15B) when said wheels (9) are positioned to match one of different gauges: - wheel gauge changing rails (23) laid between two rails (21, 22) of different gauges and provided to allow said variable wheel gauge bogie to roll thereon; and: - car support rails (26, 27) provided in parallel with said wheel gauge changing rails (23) to separate said variable wheel-gauge bogie from said sleeves (7) and said wheels (9) in a vertical direction to disengage said second engagement means (16, 17) from said first engagement means (15A, 15B) while said variable-wheel-gauge bogie rolls on said wheel gauge changing rails (23) so as to change said gauge without stopping said variable-wheel-gauge bogie; characterised by: - a fastening device (18) for fastening together each of said journal boxes (3) and each of said wheel axes (4) to restrain the journal boxes from vertical movement relative to the wheel axes before said variable-wheel-gauge bogie starts travelling on the wheel gauge changing rails (23).

FIG. 2

Complete Specification No of Pages 41

Drawings Sheets 15



Indian Classification : 32 E 194945

International Classification<sup>7</sup> : B 29 C 49/02

Title : "METHOD FOR PREPARING SODIUM-HYDROGEN EXCHANGER TYPE INHIBITOR"

Applicant : PFIZER PRODUCTS INC, a corporation organized under the laws of the State of Connecticut, United States of America of Eastern Point Road, Groton, Connecticut 06340, United States of America.

Inventors : NORMA JACQUELINE TOM-US

Kind of Application : Complete/Conventional

Application for Patent Number 956/DEL/2000 filed on 25/10/2000  
Convention (date) : 560/162,377 ; 29/10/1999 ; USA

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

( 05 Claims )

A process for making N-(5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carbonyl) guanidine, monomesylate salt comprising:

- a. combining methyl-3-cyclopropyl-3-oxopropanoate and N, N-dimethylformamide dimethylacetal at a temperature of about 50°C to about 110°C for about one to about five hours under neat conditions;
- b. combining quinolin-5-yl-hydrazine and methyl-3-cyclopropyl-2-dimethylenamino-3-oxopropanoate in a reaction-inert solvent in the presence of an amine base to form 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid methyl ester;
- c. hydrolyzing the 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid methyl ester in methanol in the presence of sodium hydroxide at reflux to form 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid;
- d. combining 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid and thionyl chloride to form 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid chloride;
- e. combining guanidine hydrochloride and sodium hydroxide to a suspension of 5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carboxylic acid chloride in tetrahydrofuran at a temperature of about -10°C to about 10°C for about 1 hour to about 3 hours to form N-(5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carbonyl)-guanidine; and
- f. combining N-(5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carbonyl)-guanidine with methanesulfonic acid to form N-(5-cyclopropyl-1-quinolin-5-yl-1H-pyrazole-4-carbonyl)-guanidine, monomesylate salt.

(Complete Specification 19 Pages Drawings NIL Sheets)

Ind. Cl.:55

194946

Int.Cl<sup>7</sup>:C09K 3/00; A01N 25/8**" A PROCESS FOR PREPARING THERMAL EVAPORANT"**

**Applicant:** EARTH CHEMICAL CO., LTD,  
A JAPANESE COMPANY  
9-1, KANDAMITOSHIROCHO  
CHIYODA-KU, TOKYO-101-0053  
JAPAN

**Inventors:** 1. NOBUYA KUBO                      4. TAKAHIRO HASEGAWA  
2. SHUSAKU TSUTSUMI  
3. KOUICHI TAKATA

**Application No:** IN/PCT/2000/00377/CHE filed on 12/09/2000

**Convention No.** Hei.11-008109 filed on 14/01/1999 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**11 Claims**

A process for preparing thermal evaporant comprising the step of homogeneously mixing a chemical such as herein described, with a binder and molding the mixture into a desired shape, wherein said preparation is in the form of a solid at ordinary temperature but molten by heating into a liquid as a whole, and the chemical employed is the active ingredient which evaporates, from the ingredients of the preparation thus liquefied by heating.

Comp.Specn. 49 Pages; Drgs 5 Sheets.

Ind.Cl.:128 G

194947

Int.Cl<sup>7</sup>:A 61 B - 5/02**" A BLOOD PRESSURE MONITORING DEVICE"**

**Applicant:** MEDWAVE INC  
A US COMPANY  
4382 ROUND LAKE ROAD WEST  
ARDEN HILLS, MINNESOTA 55112-3293  
USA

**Inventors:** 1. ARCHIBALD G. Kent  
2. CURAN, Timothy G.  
3. DANIELSON, Orland H.  
4. POLIAC, Marius O.  
5. THEDE, Roger C.

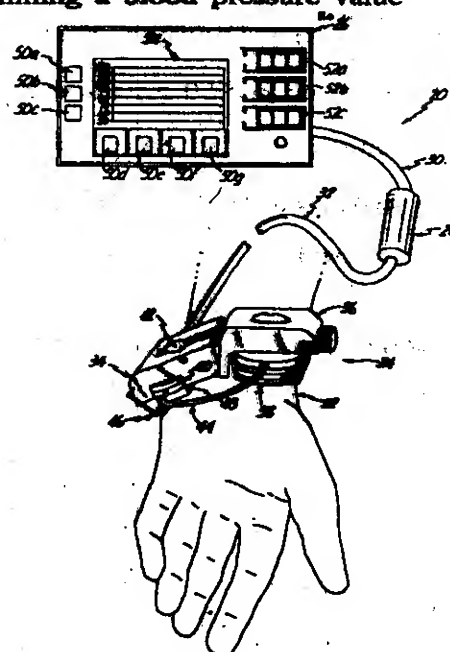
Application No:670/MAS/1996 filed on 22/04/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**4 Claims**

1. A blood pressure monitoring device, the monitoring device comprising; pressure means for applying an increasing pressure to the artery so that the artery exhibits pressure data; sensing means for sensing the pressure data; wherein the sensing means comprises; a transducer; sensor support; a flexible diaphragm coupled to the sensor support and having an active portion for transmitting blood pressure pulses of the underlying artery; and a fluid coupling medium coupled between the flexible diaphragm and the transducer for transmitting blood pressure pulses within the underlying artery from the flexible diaphragm to the transducer; signal producing means connected to the sensing means for producing output signals corresponding to the sensed pressure data; storing means for storing a set of coefficients and processing means for receiving the output signal from the signal producing means, for deriving a plurality of parameters using sensed pressure including at least one parameter other than maximum pressure waveform amplitude and for determining a blood pressure value using the derived parameters and coefficients.

Comp.Specn. 41 Pages; Drgs 12 Sheets.



Ind.Cl.:42A

194948

Int.Cl<sup>7</sup>:A 24 D 001/00

**A METHOD OF PRODUCING FILTERLESS CIGARETTES HAVING  
IMPROVED TACTILE PROPERTY AND A FILTERLESS CIGARETTE.**

**Applicant:** VST INDUSTRIES LIMITED  
OF AZAMABAD, HYDERABAD 500 020  
ANDHRA PRADESH,  
an indian company  
INDIA

**Inventors:** I. MANNAM SUBBA RAO

**Application No:**491/MAS/03 filed on 13th JUN 03

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**4 Claims**

1. A method of producing filterless cigarettes with improved tactile property comprising the steps of :

- (i) making pre-cut rolls of tobacco having a fill value of 51 to 52 cc per 10 gms;
- (ii) making pre-cut rolls stem of tobacco having smaller length than pre-cut rolls of tobacco made in step (i) and having a fill value of 56 to 57 cc per 10 gms;
- (iii) joining each of the pre-cut roll of tobacco having a fill value 51 to 52 cc per 10 gms and each of the pre-cut roll stem of tobacco with smaller length and fill value of 56 to 57 cc per 10 gms using natural tipping paper provided with gum to obtain filterless cigarettes with improved tactile property.

Reference to : INDIAN PAT. NO. 166122

Comp.Specn. 7 Pages; Drgs NIL Sheets.



Ind.Cl.:2A1

194949

Int.Cl<sup>7</sup>:G09F 11/00**"ELECTROMECHANICAL DISPLAY ELEMENT FOR INFORMATION DISPLAY SYSTEMS"**

**Applicant:** CHANNAPPA SUDHEER  
AN INDIAN  
1543, 2ND 'A' CROSS, 16TH MAIN, 2ND PHASE,  
J.P. NAGAR, BANGALORE - 560 078, KARNATAKA  
INDIA

**Inventors:** 1. CHANNAPPA SUDHEER

**Application No:** 99/MAS/2002 filed on 08/02/2002

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

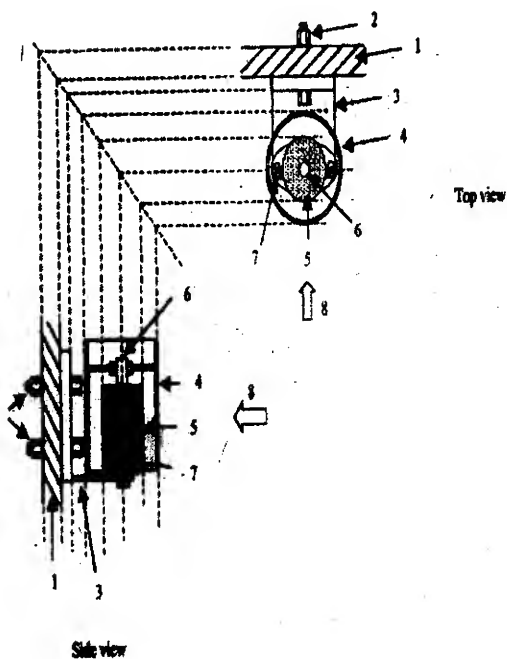
**6 Claims**

An electromechanical display element for information display system, comprising:

(i) a display member having a cylindrical structure, whose axis is parallel to the plane of the display system, the outer surface of the cylindrical structure being divided into two curved halves which are painted with two contrasting colors diametrically opposite to each other

(ii) an electromechanical drive mechanism to move the display member from one display state to the other, the said mechanism being capable of rotating about its axis in any of the two directions, i.e. clockwise or counter clockwise and capable of being positioned at any angular position; and

(iii) a mechanical support to hold the drive mechanism with the background plane of the display system.



Reference to : WO 9401853

Ind.Cl.:32 F 3C

194950

Int.Cl<sup>7</sup>:C 07 C'33/26

AN IMPROVED PROCESS FOR THE PREPARATION OF 4-BROMO-2-(HYDROXYMETHYL) PHENYL-(4'-FLUOROPHENYL)METHANOL, AN INTERMEDIATE OF CITALOPRAM.

**Applicant:** NATCO PHARMA LTD  
a company registered under the Indian Company's Act 1956, having its registered office at NATCO House  
ROAD NO.2, BANJARA HILLS,  
HYDERABAD 500 033, ANDRA PRADESH,  
INDIA

**Inventors:** 1. PULLA REDDY MUDDASANI  
2. VENKAIAH CHOWDARY NANNAPANENI

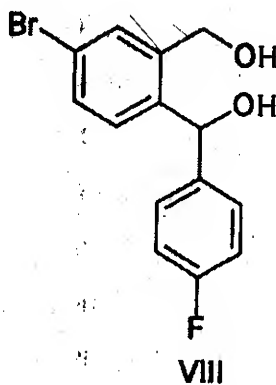
Application No:948/MAS/01 filed on 22nd NOV 2001

Division to Patent Application No: 157/MAS/2001 Dated:22/02/01

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

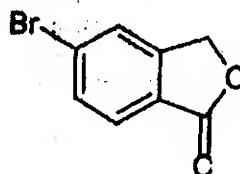
5. Claim:

1. An improved process for the preparation of 4-bromo-(2-hydroxymethyl)phenyl-(4'-fluorophenyl)methanol of the formula-VIII,

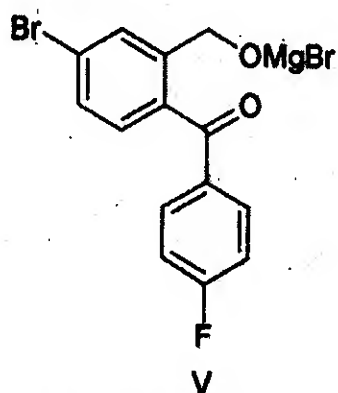


which is useful for the preparation of citalopram comprises:

(i) Reacting 5-bromophthalide of formula-IV,



with 4-fluorophenylmagnesium bromide at  $-25^{\circ}\text{C}$  to  $+10^{\circ}\text{C}$  in THF medium to get the benzophenone derivative of formula-V,



- (ii) reducing the benzophenone derivative of formula-V with sodium borohydride in the presence of an alcoholic solvent at  $-25^{\circ}\text{C}$  to  $+10^{\circ}\text{C}$  to get the dihydroxy compound of formula-VIII,
- (iii) isolating the compound of formula-VIII by extracting into toluene and distilling off the solvent below  $60^{\circ}\text{C}$ .

Comp.Specn. 14 Pages; Drgs NIL Sheets.

Ind.Cl.:64 B1

194951

Int.Cl<sup>7</sup>:H 01 R 15/12

## SAFE EARTH ELECTRODE

Applicant: ASHOK TRIPATHY & SUMAN TRIPATHY  
 both indian national & having address at  
 96/1, A.K.SWAMY NAGAR, 4TH STREET  
 SECRETARIAT COLONY, KELLEYS, CHENNAI-10, T.N  
 INDIA

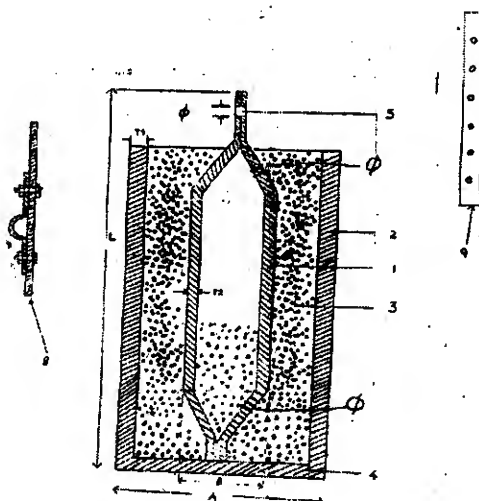
Inventors: 1. ASHOK TRIPATHY  
 2. SUMAN TRIPATHY

Application No:985/MAS/99 filed on 11th OCT 99

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
 Patent Office, Chennai Branch.

22 Claims

Safe Earthing Electrode comprises a specially shaped (Pipe / Flat / Angle / Triangle / Solid Bar / Square Bar) inner main electrode, and outer shell (auxiliary electrode in Pipe / Triangle / Square shape) electrode surrounding the inner electrode, the said inner electrode & outer electrode being separated by an annular space, the said space filled with a compound namely Crystalline Conductive Mixture (Electrical Conductor Minerals) the said compound is anti corrosive & having good conductive property protects the main electrode.



Reference to : WO 9856073 US 4577053

Comp.Specn. 12 Pages; Drgs 2 Sheets.

Ind.Cl.:60D

194952

Int.Cl<sup>7</sup>:A 44 B 19/30

## AUTOLOCK SLIDER FOR SLIDE FASTENER

Applicant: YKK CORPORATION  
OF NO.1 KANDA IZUMI-CHO,  
CHIYODA-KU, TOKYO  
A JAPANESE COMPANY  
JAPAN

Inventors: I. IWAO YAGURAMAKI

Application No I612/MAS/97 filed on 17th JUL 97

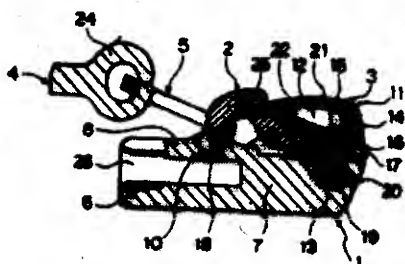
Convention No.8-201457 on, 31st JULY 96 in JAPAN

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

10 Claims

An autolock slider for a slide fastener, Comprising:

a slider body (1) Composed of upper and lower wings (8, 6) and a guide post (7) standing on a front end of said lower wing (6) so as to define a fastener-element guide channel (26) between said upper and lower wings (8, 6);



said upper wing (8) having a pivot-projection-receiving recess (13) extending into said guide post (7) and a locking-pawl-insertion hole (10) disposed off said guide post (7) and communicating with said fastener-element guide channel (26), said pivot-projection-receiving recess (13) having a concave bottom;

a locking lever (2) having a locking pawl (18) at one end and a pivot projection (19) at the other end and supported on said upper wing (8) with said locking pawl (18) inserted in said locking-pawl-insertion hole (10) and with said pivot projection (19) pivotally received in said pivot-projection-receiving recess (13), said pivot projection (19) having a rounded end;

I.

a spring (3) acting on said locking lever (2) in such a manner that said locking pawl (18) is urged to normally project into said fastener-element guide channel (26); and

a pull tab (4) having an axle (25) disposed between said upper wing (8) and said locking lever (2) for pulling said locking lever (2) away from said upper wing (8) against the resiliency of said spring (3) so as to retract said locking pawl (18) from said fastener-element guide channel (26), characterized in that restricting means (15) is disposed above said pivot-projection receiving recess (13) for restricting upward sliding movement of said pivot projection (19).

Reference to : US 5419,019

Comp.Specn. 22 Pages; Drgs 6 Sheets.

Ind.Cl.:206 E

194953

Int.Cl<sup>7</sup>:H04Q7/00**METHOD AND ARRANGEMENT FOR LIMITING PAGING LOAD IN A MOBILE COMMUNICATION SYSTEM.**

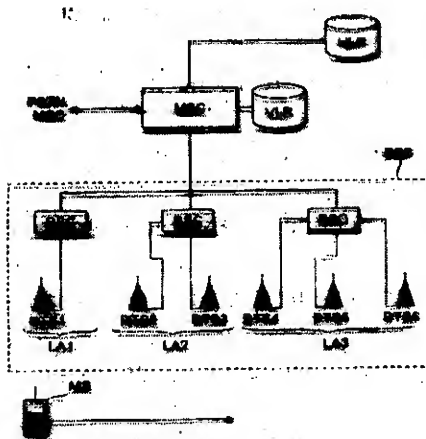
**Applicant:** NOKIA TELECOMMUNICATION OY,  
OF UPSEERINKATU 1,  
FIN-02600 ESPOO  
A FINNISH COMPANY  
FINLAND.

**Inventors:** I. LAURI LAHTINEN

Application No237/MAS/97 filed on 5th FEB 97

Convention No.960542 filed on 6th FEB 96 in FINLAND.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003), Patent Office, Chennai Branch.

**10 Claims**

A method for limiting a paging load in a mobile communication system comprising: limiting a number of calls to be initiated to a predetermined maximum value; counting a number of calls initiated during a given time interval; performing one of decreasing and increasing said number of

calls to be initiated when a new call is initiated; measuring time lapsed from the initiation of the new call; and performing one of increasing and decreasing said number of calls to be initiated, respectively, when said given time interval has lapsed from the initiation of the new call.

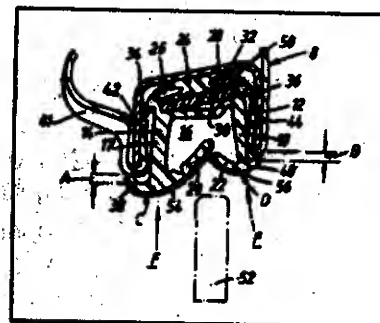
Comp.Specn. 13 Pages; Drgs 3 Sheets.

Ind.Cl.:58A2

194954

Int.Cl<sup>7</sup>:H 60 J 1/00**A MOVABLE-WINDOW SAFETY DEVICE**

**Applicant:** GENCORP PROPERTY INC.,  
OF HIGHWAY 50 AND AEROJET ROAD,  
RANCHO CORDOVA, CALIFORNIA 95670  
A CALIFORNIA CORPORATION  
USA



**Inventors:** 1. THOMAS BRODOWSKY

**Application** No706/MAS/96 filed on 30th APR 96

**Convention** No.9509184.9 on, 5th MAY 95 in UK

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**13 Claims**

A movable-window safety device for detecting the presence of an obstruction in an opening closable by power-driven window glass, comprising resilient material forming a resilient channel for mounting in a rigid window frame and for receiving an edge of the moving window glass when so mounted, electrical detecting means mounted to extend along the frame whereby an obstruction in the window opening is caused by the moving window glass to apply a force to the detecting means so that the detecting means produces a corresponding electrical signal, and control means responsive to the electrical signal to arrest power-driven movement of the window glass, the electrical detecting means being mounted in the base of the resilient channel and the resilient channel being dimensioned so that its two side walls have extensions beyond the rigid window frame whereby an obstruction entering the window opening from either side thereof is moved into contact with a respective one of the extensions by the moving window glass and applies the said force through the extension to the detecting means.



Ind. Cl :32A2, 62C4

194955

Int.Cl<sup>7</sup>:C09 B 67/28, D06P 1/22**" A PROCESS FOR THE PREPARATION OF A VAT DYE MIXTURE"**

**Applicants:** CIBA SPECIALITY CHEMICALS HOLDING INC  
A SWISS COMPANY  
KLYBECKSTRASSE 141,  
4057 BASEL  
SWITZERLAND

**Inventors:** 1. PETER LEUPIN  
2. ROLAND ZOELPER

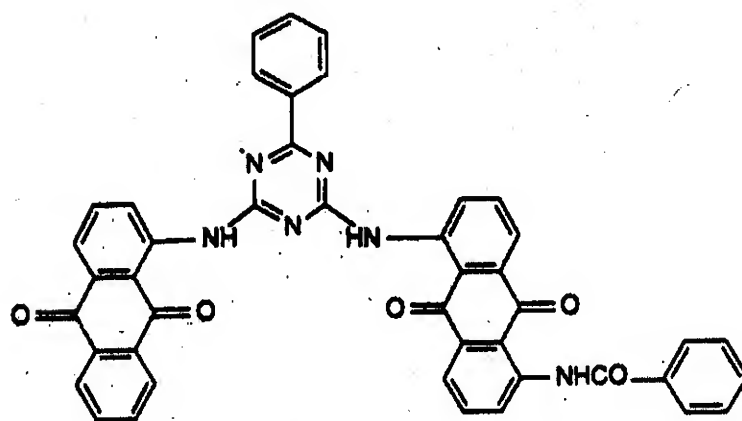
**Application No**1210/MAS/1996 **filed on** 09/07/1996

**Convention No.**2006/95 **filed on** 10/07/1995 **in** SWITZERLAND

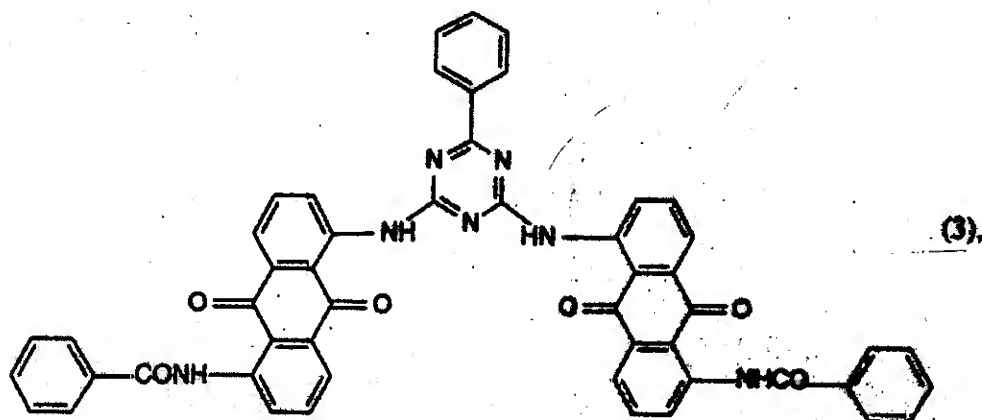
**Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),**  
**Patent Office, Chennai Branch.**

**4 Claims**

1. A process for the preparation of a vat dye mixture comprising the dye of the formula



and the dye of the formula



which comprises reacting 2-phenyl-4,6-dichlorotriazine with 1-aminoanthraquinone and 1-amino-5-benzoylaminoanthraquinone, the ratio of 1-aminoanthraquinone to 1-amino-5-benzoylaminoanthraquinone being chosen according to the desired content of the two individual dyes in the vat dye mixture.

Comp.Specn. 13 Pages; Drgs NIL Sheets.

Ind.Cl.:39 I

194956

Int.Cl<sup>7</sup>:C01D 9/20

" A PROCESS FOR PREPARING FREE-FLOWING COATED SALTS OF SODIUM SELECTED FROM SODIUM NITRITE, SODIUM NITRATE OR A MIXTURE THEREOF"

Applicant: BASF AKTIENGESELLSCHAFT  
A GERMAN JOINT STOCK COMPANY  
67056, LUDWIGSHAFEN  
GERMANY

Inventors: 1. HANS JURGEN EISEN

Application No:1238/MAS/1996 filed on 12/07/1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

### 3 Claims

A process for preparing free-flowing coated salts of sodium selected from sodium nitrite, sodium nitrate or a mixture thereof comprising

- (a) the step of drying the said sodium nitrite and/or sodium nitrate at from 100 to 300°C to a residual moisture content of less than 0.1% by weight,
- (b) the step of coating the dried salt to below about 40°C and
- (c) the step of coating said salt/salts with either silica or tricalcium silicate or a combination thereof.

Comp.Specn. 10 Pages; Drgs 2 Sheets.

Int. Cl<sup>7</sup> : F01K 13/02 F22G 5/12

194957

Ind. Cl : 190 B

Title : METHOD FOR FAST CLOSED-LOOP OUTPUT CONTROL OF A STEAM POWER PLANT.

Applicant : SIEMENS AKTIENGESSELLSCHAFT  
OF WITTELSBACHERPLATZ 2,80333, MUENCHEN, GERMANY.

Inventor : 1. PROF. DR. GUNTER KALLINA  
2. RUDLOF KRAL.  
3. EBERHARD WITTCOW

Application no 1942/CAL/1998 FILED ON 02.11.1998

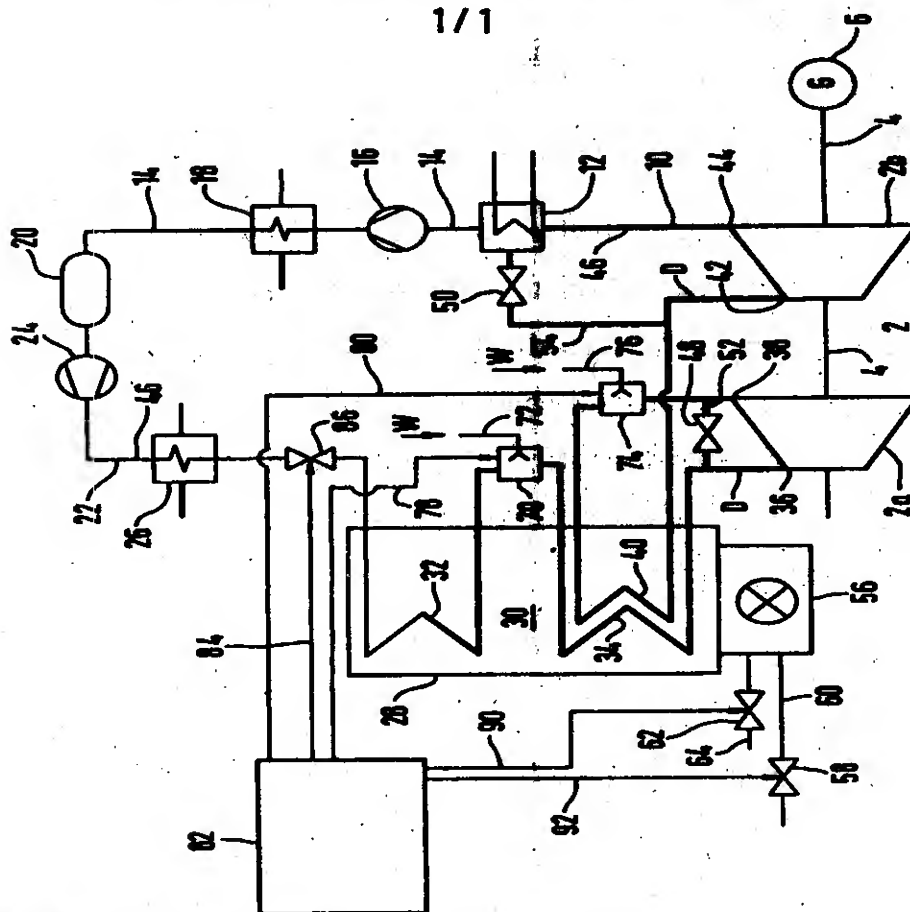
(CONVENTION NO. 19749452.8 FILED ON 10.11.1997 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.

### 8CLAIMS.

Method for fast closed-loop output control of a steam power plant (1) with a turbo-generator set having a steam turbine (2) and a generator (6), in the case of the operation of which plant water (W) is injected into or upstream of a superheater heating surface, characterised the water (w) injection rate being increased for the purpose of setting an extra generator output.

1 / 1



Complete Specification : 12 pages.

Drawing : 1 sheets

Int. Cl<sup>7</sup> : C03C 10/00 194958

Ind. Cl : 9 8F

Title : COOLING SYSTEM FOR CONTINUOUS ANNEALING FURNACES

Applicant : STEEL AUTHORITY OF INDIA LIMITED, OF DORANDA,  
RANCHI – 834 002 BIHAR, INDIA

Inventor : 1. ASIM KUMAR SAHU  
2. APURBA KUMAR MARIK  
3. TAPAS KANTI DUTTA  
4. KEDAR NATH PANDEY  
5. DAKSHINA MURTY MAHAPATRUNI GANTI

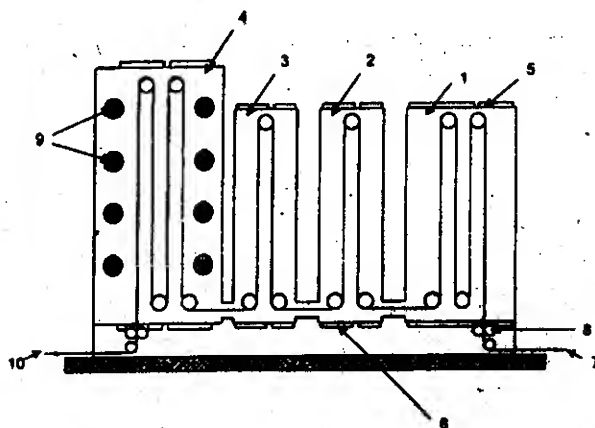
Application no 33/KOL/2003 FILED ON 27.01.2003

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

**4CLAIMS.**

A cooling system for continuous annealing furnace for producing annealed strips comprising:

A plurality of sets of fans (2) and motors (3) provided at atleast one of the walls (4) of the cooling chamber of the said continuous annealing furnace, said fans projecting inside the cooling chamber and the corresponding motors outside the said chamber, each said fan and corresponding motor being connected by a bearing shaft (5) passing through the said wall; and heat shields provided between the said fans (2) and motors (3) characterized in that the heat shield is comprised of ceramic fibre sheet (1).



**Complete Specification : 8 pages.**

**Drawing : 3 sheets.**

Int. Cl<sup>7</sup> : F16D 23/06

Ind. Cl : 134B

Title : SYNCHRONIZER FOR MANUAL TRANSMISSION

Applicant : HYUNDAI MOTOR COMPANY OF 140-2 GYE-DONG,  
CHONGRU-GU, SEOUL REPUBLIC OF KOREA.

194959

Inventor : EO SOON -GI

Application no : 289/CAL/2000 FILED ON 17.5.2000.  
(CONVENTION NO. 99-57981 FILED ON 15.1.21999 IN REPUBLIC OF KOREA.)  
**APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES  
2003) PATENT OFFICE KOLKATA.**

**9CLAIMS**

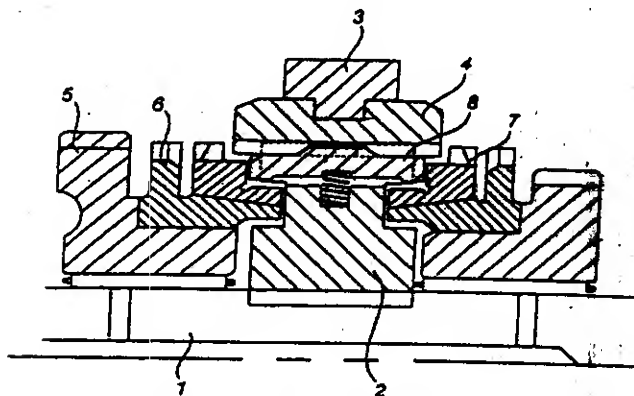
A synchronizer for manual transmission, said synchronizer having

a hub gear coupled to a main spindle, a speed gear installed on the main spindle relative to a side surface of the hub gear and formed with a clutch gear on an inner surface thereof relative to the hub gear side and a sleeve coupled to an outer circumference of the hub gear to move toward axial direction during gear shifting and to be synchronized to the clutch gear, characterized in that, said sleeve comprises:

an inner sleeve coupled to an outer circumference of the hub gear to move axially during gear shifting and to be meshed to the clutch gear;

an outer sleeve positioned at an outer circumference of the inner sleeve, and receiving a manipulating power of gear shift from a driver to move axially; and

buffer interlocking means installed between the inner sleeve and the outer sleeve to make the inner sleeve move along the outer sleeve and to simultaneously function as buffer.



Complete Specification : 12 pages.

Drawing : 2 sheets

Int. Cl <sup>7</sup>	:	C22C 33/02 B24D 3/06 C22C 38/16	194960
Ind. Cl	:		
Title	:	A PROCESS FOR THE MANUFACTURE OF DIAMOND TOOLS	
Applicant	:	UMICORE OF RUE DU MARAIS , 31 , B-1000 BRUSSELS BELGIUM	
Inventor	:	ROGER STANDAERT	
Application no	:	763/CAL/1998 FILED ON 29.04.1998	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003) PATENT OFFICE KOLKATA.*

### **2CLAIMS.**

**A process for the manufacture of diamond tools which comprises, mixing an iron and copper containing pre-alloyed powder, such as herein described, as binder with diamond, followed by hot sintering of the resultant mixture, characterised in that said powder has an average particle size of less than 10  $\mu\text{m}$  as measured with the Fisher SSS and a loss of mass by reduction in hydrogen of less than 2% as measured according to the standard ISO 4491-2:1989 and containing, in % by weight, 0 to 40% of cobalt, 0 to 50% of nickel, from 5 to 80 % of iron and from 5 to 80% of copper, the residual components in the powder consisting of unavoidable impurities.**

***Complete Specification : 12 pages.***

***Drawing : NIL***

## CESSATION OF PATENT (MUMBAI)

183034

## PATENTS SEALED ON 11.11.2004/KOLKATA

192435 192562 192564 192566 192567 192568 192569 192570 192573 192574 192575 192576 192577 192578 192581  
192583 192584 192587 192588 192590 192593 102595 192596 192602 192603 192608 192609 192795 192798 192799  
192800 192959

## KOLKATA-32

## Patents Sealed on 20/07/2004 (Mumbai Branch)

190644 190661 191314 191337 192012 192013 192017 192018 192019 192075 192078 192088 192114 192132 192144

## Patents Sealed on 27/07/2004 (Mumbai Branch)





192004 192005 192008 192009 192020 192118 192006













**REGISTRATION OF DESIGNS**

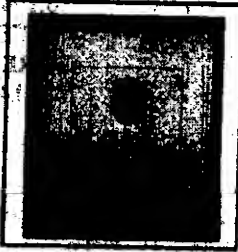



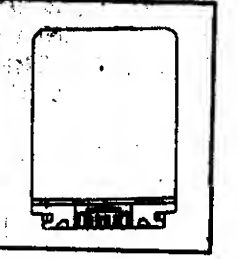
The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)

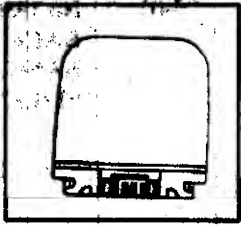




The dates shown in the following each entry is the date of registration.


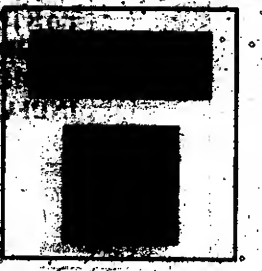
Class	02-04	No.194476. TRELA FOOTWEAR EXPORTS PVT. LTD., OF D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA-282 007, U.P., (INDIA). SOLE FOR FOOTWEAR" 09.02.2004	
Class	02-04	No.194481. TRELA FOOTWEAR EXPORTS PVT. LTD., OF D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA-282 007, U.P., (INDIA). SOLE FOR FOOTWEAR" 09.02.2004	
Class	02-04	No.194479. TRELA FOOTWEAR EXPORTS PVT. LTD., OF D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA-282 007, U.P., (INDIA). SOLE FOR FOOTWEAR" 09.02.2004	
Class	02-04	No.194475. TRELA FOOTWEAR EXPORTS PVT. LTD., OF D-38, SITE-C, INDUSTRIAL AREA, SIKANDRA, AGRA-282 007, U.P., (INDIA). SOLE FOR FOOTWEAR" 09.02.2004	

Class	15-01	No.193941. GREAVES LIMITED, OF INDUSTRY MANOR, APPASAHEB MARATHE MARG, PRABHADEVI, MUMBAI-400025, INDIA. "ENGINE" 01.12.2003	
Class	03-01	No.194645. V.I.P. INDUSTRIES LIMITED, , 88-C OLD PRABHADEVI ROAD, MUMBAI- 400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	
Class	03-01	No.194640. V.I.P. INDUSTRIES LIMITED, , 88-C OLD PRABHADEVI ROAD, MUMBAI- 400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	
Class	03-01	No.194641. V.I.P. INDUSTRIES LIMITED, , 88-C OLD PRABHADEVI ROAD, MUMBAI- 400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	
Class	03-01	No.194638. V.I.P. INDUSTRIES LIMITED, , 88-C OLD PRABHADEVI ROAD, MUMBAI- 400 025, MAHARASHTRA, INDIA. "HANDBAG" 23.02.2004	

Class	13-03	No.194994. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI-400 063, MAHARASHTRA, INDIA, "SOCKET" 25.03.2004	
Class	13-03	No.194995. SNERAS INTERNATIONAL OF 16A, SHOP NO.1, PRATHAMESH MHADA, NEAR POONAM NAGAR, OFF MAHAKALI CAVES ROAD, ANDHERI (E), MUMBAI-400 093, MAHARASHTRA, INDIA, "WRITING INSTRUMENT" 18.08.2003	
Class	13-03	No.194996. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI-400 063, MAHARASHTRA, INDIA, "SOCKET WITH SWITCH" 25.03.2004	
Class	13-03	No.194997. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI-400 063, MAHARASHTRA, INDIA, "SOCKET WITH SWITCH" 25.03.2004	
Class	13-03	No.194999. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI-400 063, MAHARASHTRA, INDIA, "SWITCH" 25.03.2004	

Class	13-03	No.194998. AEROLITE INDUSTRIES OF 5, SATI INDUSTRIAL ESTATE, L.B. PATEL ROAD, GOREGAON(E), MUMBAI-400 063, MAHARASHTRA, INDIA, "SOCKET" 25.03.2004	
Class	09-03	No.195542. PARAKH FOODS LIMITED, AT "COMET HOUSE", 691/A-10, PUNE - SATARA ROAD, BIEWEWADE, PUNE-411007, MAHARASHTRA, INDIA, "CONTAINER" 30.04.2004	
Class	24-99	No.195063. TRIMURTI PLAST, AN INDIAN PROPRIETARY CONCERN, HAVING THE REGISTERED OFFICE AT AT KRISHNA, S. NO. 31, PLOT NO. 833, GANESH NAGAR, DHANAKAWADI, PUNE-411041, MAHARASHTRA, INDIA, "BRINE BOTTLE" 29.03.2004	
Class	09-01	No.194883. PEARL POLYMERS LTD. 794, ROHIT HOUSE, 3, TOLSTOY MARG, NEW DELHI-110001, INDIA, "JAR" 18.03.2004	
Class	13-02	No.194208. SONY KABUSHIKI KAISHA OF 7-35 KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN. "RECHARGEABLE BATTERY" 02.01.2004	

Class	13-02	No.194267. SONY KABUSHIKI KAISHA, OF 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN. "RECHARGEABLE BATTERY" 02.01.2004	
Class	09-03	No.194959. KSONS PLASTICS, A REGISTERED PARTNERSHIP FIRM AT 51(3), MAROL CO-OPERATIVE INDUSTRIAL ESTATE, M.Y. ROAD, ANDHERI (E), MUMBAI-400059, MAHARASHTRA, INDIA. "ICE BOX" 24.03.2004	
Class	09-01	No.195454. R.S. PLASTICS, 9/A/66, WEA, KAROL BAGH, NEW DELHI-110005, INDIA, "CONTAINER" 12.05.2004	
Class	07-04	No.195672. NOVA PLAST, AN INDIAN PROPRIETARY FIRM OF PLOT NO.5, GIDC, BEHRAMPURA, AHMEDABAD, PIN 380 022, GUJARAT, INDIA, "WATER FILTER" 20.05.2004	
Class	25-01	No.195090. MULDER (INDIA) PVT. LTD., AT 12 RACE COURSE ROAD, MADHAVANAGAR, BANGALORE-560 001, KARNATAKA, INDIA. "TILE" 06.04.2004	

Class	25-01	No.195003 MULDER (INDIA) PVT. LTD. AT 17 RACE COURSE ROAD, MADHAVANAGAR BANGALORE-560 001, KARNATAKA, INDIA "TILE" 06.04.2004	
Class	25-01	No.195003 MULDER (INDIA) PVT. LTD. AT 17 RACE COURSE ROAD, MADHAVANAGAR BANGALORE-560 001, KARNATAKA, INDIA "TILE" 06.04.2004	

S. CHANDRASEKARAN

Controller General of Patents, Designs &amp; Trade Marks